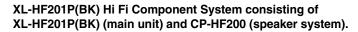
SHARP SERVICE MANUAL

No. S4212XLH201KU

HI FI COMPONENT SYSTEM MODEL XL-HF201P(BK)



 In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified be used.













iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc.

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

CONTENTS

PRECAUTIONS FOR USING LEAD-FREE SOLDER	CHAPTER 5. MAJOR PART DRAWING
	[1] Function Table Of IC5-1
CHAPTER 1. GENERAL DESCRIPTION	[2] FL Display5-5
[1] Important Service Safety Precaution 1-1	
[2] Important Service Notes (for U.S.A only) 1-1	CHAPTER 6. CIRCUIT DESCRIPTION
[3] Specifications1-2	[1] Waveforms Of Servo Circuit6-1
[4] Name Of Parts1-3	[2] Voltage6-2
CHAPTER 2. ADJUSTMENTS	CHAPTER 7. DIAGRAMS
[1] CD Section2-1	[1] Block Diagram7-1
[2] Test Mode2-1	[1] Block Blagfam
[3] Standard Specification Of Stereo System	CHAPTER 8. CIRCUIT SCHEMATICS AND PARTS
Error Message Display Contents2-1	LAYOUT
End wessage display Contents2-1	
OLIABTED A MEGUANICAL DECODIBION	[1] Notes On Schematic Diagram8-1
CHAPTER 3. MECHANICAL DESCRIPTION	[2] Type Of Transistor And LED8-1
[1] Disassembly	[3] Schematic Diagram8-2
	[4] Chart Of Connecting Wires8-6
CHAPTER 4. FLOWCHART	[5] Wiring Side Of PWB8-7
[1] Troubleshooting 4-1	
	PARTS GUIDE

Parts marked with " \triangle " are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

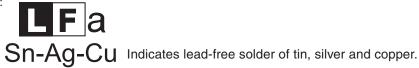
PRECAUTIONS FOR USING LEAD-FREE SOLDER

1. Employing lead-free solder

"MAIN, DISPLAY, KEY/JACK, iPod, USB, SMPS PWB" of this model employs lead-free solder.

The LF symbol indicates lead-free solder, and is attached on the PWB and service manuals. The alphabetical character following LF shows the type of lead-free solder.

Example:



2. Using lead-free wire solder

When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40°C, we recommend you to use a dedicated soldring bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

3. Soldering

As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wet ability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corrected. Make sure to turn on and off the power of the bit as required.

If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper. Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Ref No.	Parts No.	Description		
PWB-A	92LPWB8250MANS	MAIN (A1), DISPLAY (A2), KEY/JACK (A3), iPod (A4), USB (A5)		
PWB-B	RUiTZA042AW01	SMPS		

CHAPTER 1. GENERAL DESCRIPTION

[1] Important Service Safety Precaution

■ CAUTION: "These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so".

■ WARNING

- 1. For continued safety, no modification of any circuit should be attempted.
- 2. Disconnect AC power before servicing.

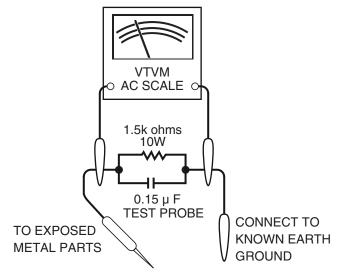
[2] Important Service Notes (for U.S.A only)

BEFORE RETURNING THE AUDIO PRODUCT

(Fire & Shock Hazard)

Before returning the audio product to the user, perform the following safety checks.

- 1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the audio product.
- 2. Inspect all protective devices such as insulating materials, cabinet, terminal board, adjustment and compartment covers or shields, mechanical insulators etc.
- 3. To be sure that no shock hazard exists, check for leakage current in the following manner.
- * Plug the AC line cord directly into a 120 volt AC outlet.
- * Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as conduit or electrical ground connected to earth ground.
- Use a VTVM or VOM with 1000 ohm per volt, or higher, sensitivity to measure the AC voltage drop across the resistor (See diagram).
- * Connect the resistor connection to all exposed metal parts having a return path to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.



All check must be repeated with the AC line cord plug connection reversed.

Any reading of 0.3 volt RMS (this corresponds to 0.2 milliamp. AC.) Or more is excessive and indicates a potential shock hazard which must be corrected before returning the audio product to the owner.

[3] Specifications

■ General

Power source	AC 120 ~ 60 Hz	
Power consumption	40 W	
Dimensions	Width: 8 - 1/2" (215 mm) Height: 3 - 4/5" (96 mm) Depth: 13 - 1/5" (335 mm)	
Weight	5.7 lbs. (2.6 kg)	

■ Amplifier

Output power	RMS: Total 100 watt (50 W per channel into 4 ohms at 1 kHz, 10% T.H.D.) FTC: 30 watt minimum RMS per channel into 4 ohms from 20 Hz to 20 kHz, 10% T.H.D.	
Output terminals	Speakers: 4 ohms 20Hz - 20kHz	
	Subwoofer Pre-out (audio signal): 200 mV/10 k ohms at 70 Hz Video output: 1 Vp-p	
	Headphones: 16 ohms (recommended: 32 ohms)	
Input terminals	Audio In (audio signal): 500 mV/47 k ohms Line in (Analog input): 500 mV/47 k ohms	

■ CD player

Туре	Single disc multi-play compact disc player	
Signal readout	Non-contact, 3-beam semiconductor laser pickup	
D/A converter	Multi bit D/A converter	
Frequency response	20 - 20,000 Hz	
Dynamic range	90 dB (1 kHz)	

■ USB (MP3 / WMA)

USB host interface	 Complies with USB 1.1 (Full Speed)/2.0 Mass Storage Class. Support Bulk only and CBI protocol.
Support file	MPEG 1 Layer 3WMA (Non DRM)
Bitrate support	MP3 (32 ~ 320 kbps)WMA (64 ~ 160 kbps)
Other	 Maximum total number of MP3/WMA files is 65025. Maximum total number of folders is 999 INCLUSIVE of root directory. The ID3TAG information supported are TITLE, ARTIST and ALBUM only. Supports ID3TAG version 1 and version 2.
File system support	 Support USB devices with Microsoft Windows/DOS/FAT 12/FAT 16/ FAT 32. 2 kbyte block length for sector.

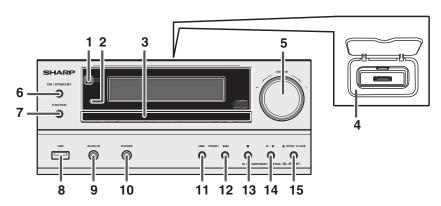
■ Tuner

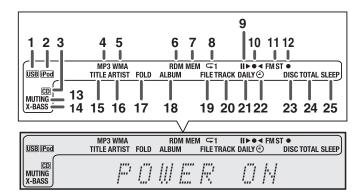
Frequency range	FM: 87.5 - 108.0 MHz AM: 530 - 1,710 kHz	
Preset	40 (FM and AM station)	

■ Speaker

Туре	2-way type speaker system 1" (2.5 cm) Dome-Tweeter 4-3/4" (12 cm) Woofer
Maximum input power	100 W
Rated input power	50 W
Impedance	4 ohms
Dimensions	Width: 5 - 13/16" (148 mm) Height: 10-5/16" (262 mm) Depth: 8" (203.5 mm)
Weight	5.4 lbs. (2.5 kg)/each

[4] Names Of Parts



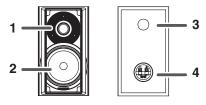


■ Front panel

- 1. Remote sensor
- 2. Timer indicator
- 3. Disc Tray
- 4. Docking Station for iPod or iPhone
- 5. Volume Control
- 6. On/Stand-by Button
- 7. FUNCTION Button
- 8. USB Terminal
- 9. Audio In Socket
- 10. Headphone Socket
- 11. Tuner Preset Down, CD/USB Track Down, iPod/iPhone Skip Down
- 12. Tuner Preset Up, CD/USB Track Up, iPod/iPhone Skip Up
- 13. Disc/USB Stop Button
- 14. Disc/USB/iPod/iPhone Play or Pause Button
- 15. Disc Tray Open/Close Button

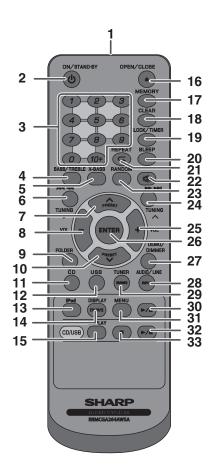
Display

- 1. USB Indicator
- 2. iPod Indicators
- 3. CD Indicator
- 4. MP3 Indicator 5. WMA Indicator
- 6. RDM (Random) Indicator
- 7. MEM (Memory) Indicator
- 8. Repeat Indicator
- 9. Play/Pause Indicator
- 10. Tuning FM/AM Indicator
- 11. FM Stereo Mode Indicator
- 12. Stereo Station Indicator
- 13. Muting Indicator
- 14. X-bass Indicator
- 15. Title Indicator
- 16. Artist Indicator
- 17. Folder Indicator
- 18. Album Indicator
- 19. File Indicator
- 20. Track Indicator
- 21. Daily Timer Indicator
- 22. Once Timer Indicator
- 23. Disc Indicator
- 24. Total Indicator
- 25. Sleep Indicator



■ Speaker system

- 1. Dome-Tweeter
- 2. Woofer
- 3. Bass Reflex Duct
- 4. Speaker Terminal



■ Remote control

- 1. Remote Control Transmitter
- 2. On/Stand-by Button
- 3. Numeric Buttons
- 4. Bass/Treble Button
- 5. X-Bass Button
- 6. Tuning Down, Skip Down, Fast Reverse, Time Down Button
- 7. Tuner Preset Up Button, iPod Cursor Up
- 8. Volume Down Button
- 9. Folder Button
- 10. Tuner Preset Down Button, iPod Cursor Down
- 11. CD Button
- 12. USB Button
- 13. iPod Button
- 14. iPod Display (TV OUT) Button 15. Disc/USB Display Button
- 16. Open/Close Button 17. Memory Button

- 18. Clear Button
- 19. Clock/Timer Button
- 20. Sleep Button
- 21. Repeat Button
- 22. Mute Button
- 23. Random Button
- 24. Tuning Up, Skip Up, Fast Forward, Time Up Button
- 25. Volume Up Button
- 26. Enter Button
- 27. Demo/Dimmer Button
- 28. Audio/Line (INPUT) Button
- 29. Tuner (BAND) Button
- 30. iPod Play/Pause Button
- 31. iPod Menu Button
- 32. CD/USB Play/Pause Button
- 33. CD/USB Stop Button

CHAPTER 2. ADJUSTMENTS

[1] CD Section

Adjustment

Since this CD system incorporates the following automatic adjustment functions, readjustment is not needed when replacing the pickup. Therefore, different PWBs and pickups can be combined freely.

Each time a disc is changed, these adjustments are performed automatically. Therefore, playback of each disc can be performed under optimum conditions.

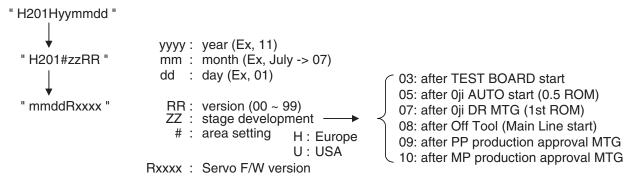
Items adjusted automatically

- Offset adjustment (The offset voltage between the head amplifier output and the VREF reference voltage is compensated inside the IC)
 - * Focus offset adjustment
 - * Tracking offset adjustment
- 2) Tracking balance adjustment
- 3) Gain adjustment (The gain is compensated inside the IC so that the loop gain at the gain crossover frequency will be 0 dB.)
 - * Focus gain adjustment
 - Tracking gain adjustment

[2] Test Mode

[Test Mode Input Method]

- 1. During power stand-by condition, press [1] -> [2] -> [4] -> [5] buttons at remote control sequently.
- 2. MCU will start up with software version display as below.



- 3. Press [EJECT] button at the main unit to enter the KEY Test Mode.
- 4. The display will change as below for each main unit button is pressed.

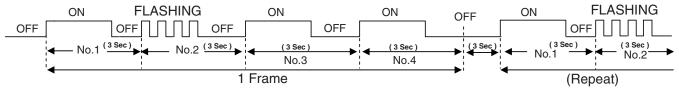
[OPEN / CLOSE] : All displays light up with Dimmer Off [PRESET DOWN] : Display "KEY 1-2" at lower line display [PRESET UP] : Display "KEY 1-3" at lower line display [STOP] : Display "KEY 1-5" at lower line display [PLAY / PAUSE] : Display "KEY 1-1" at lower line display [FUNCTION] : Display "KEY 1-2" at lower line display

- 5. [Existing Test Mode]
 - 5.1. While in Version display or in Test Mode Function press ON / STAND-BY button (remote control / unit).
 - 5.2. All display light up in Dimmer Off (2sec) => Dimmer 1 (2sec) => Dimmer 2 (2sec) => finally display "Clear All" and execute reset, before goto standby (demo).

[3] Standard Specification Of Stereo System Error Message Display Contents SYSTEM PROTECT detection and AMP PROTECT detection display

In case AMP Shut Down, SYSTEM PROTECT, FAULT PROTECT or AMP Over-Temp Warning Protect has occurred, the unit will automatically enter to stand-by mode ON/Standby LED will be flashing as below:-

Example: In case of speaker abnormal



1: SYSTEM PROTECT

2: AMP Over Temperature Warning Protect

3: AMP Shut Down Protect

4: FAULT

CHAPTER 3. MECHANICAL DESCRIPTION

[1] Disassembly

Caution On Disassembly

Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep it safe and ensure excellent performance:

- 1. Take compact disc out of the unit.
- 2. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit.
- 3. Take off nylon bands or wire holders where they need to be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet with iPod PWB	1. Screw(A1) X 8 2. Socket(A2) X 1	1 2
2	Rear Panel	1. Screw(B1) X 7 2. Screw(B2) X 1	1
3	Main PWB	1. Screw(C1) X 2 2. Socket(C2) X 6 3. Flat Cable(C3) X 2	2
4	Front Panel Assy	1. Screw	2
5	SMPS PWB	1. Screw(E1) X 3 2. Socket(E2) X 1	3 2
6	CD Mechanism Assy	1. Screw(F1) X 4	3
7	CD Mechanism Unit	1. Screw (G1) X 4	4
8	Display PWB	1. Knob(H1) X 1 2. Nut(H2) X 1 3. Washer(H3) X 1 4. Screw(H4) X 3	5
9	Key/Jack PWB	1. Screw(J1) X 4	5
10	USB PWB	1. Screw(K1) X 1	5
11	iPod PWB	1. Copper Sheet (L1) X 1 2. iPod Cover (L2) X 1 3. Screw (L3) X 2	6

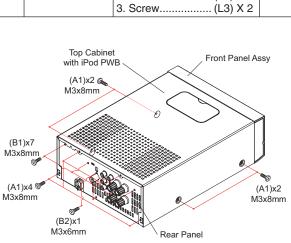
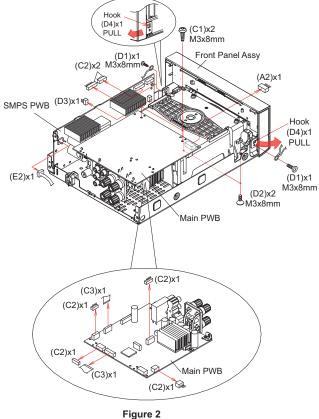


Figure 1



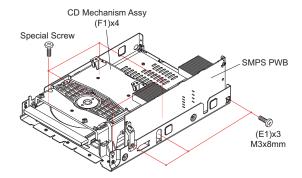


Figure 3

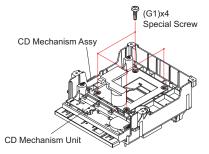
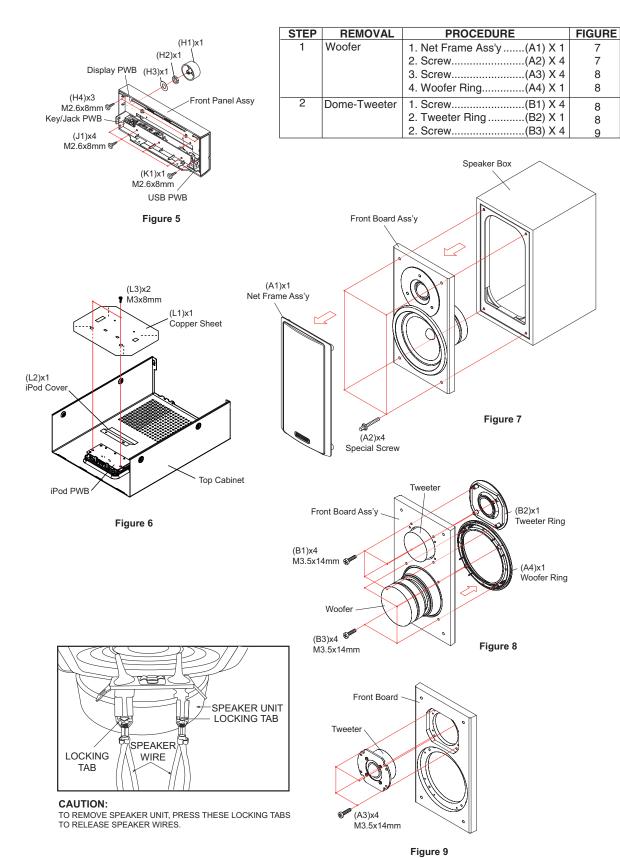


Figure 4



CHAPTER 4. FLOWCHART

[1] Troubleshooting

1. When the CD does not function

The CD section may not operate when the objective lens of the optical pickup is dirty. Clean the objective lens, and check the playback operation. When this section does not operate even after the above step is taken, check the following items.

Remove the cabinet and follow the troubleshooting instructions.

"Track skipping and/or no TOC (Table Of Contents) may be caused by build up of dust other foreign matter on the laser pickup lens. Before attempting any adjustment make certain that the lens is clean. If not, clean it as mentioned below."

Turn the power off.

Gently clean the lens with a lens cleaning tissue and a small amount of isopropyl alcohol.

Do not touch the lens with the bare hand.

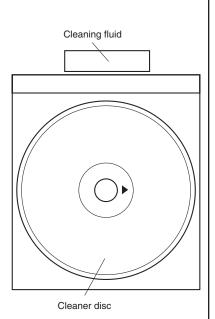
		Parts code
1.	CD optical pickup Lens cleaner disc	UDSKA0004AFZZ

HOW TO USE

- 1. Using the brush in the cleaner cap, apply 1 or 2 drops of the cleaning fluid to the brush on the CD cleaner disc which has the mark next to it.
- 2. Place the CD cleaner disc onto the CD disc tray with the brush side down, then press the play button.
- 3. You will hear music for about 20 seconds and the CD player will automatically stop. If it still play continuously, press the stop button.

CAUTION

- The CD lens cleaner should be effective for 30-50 operations, however if the brushes become worn out earlier then please replace the cleaner disc.
- If the CD cleaner brushes become very wet then wipe off any excess fluid with a soft cloth.
- Do not drink the cleaner fluid or allow it contact with the eyes. In the event of this happening then drink and / or rinse with clean water and seek medical advice.
- The CD cleaner disc must not be used on car CD players or on computer CD-ROM drives
- All rights reserved. Unauthorized duplicating, broadcasting and renting this product is prohibited by law.



2. When a CD cannot be played

2.1. Pressing the CD operation key is accepted, but playback does not occur.

- 1) Focus-HF system check
- 2) Tracking system check
- 3) Spin system check
- 4) PPL system check

(1) Focus-RF system check. CH1 10:1 0.500 V/div DC Z0kHz CH2 10:1 1.00 V/div DC Full Although a CD is inserted and the cover is closed, "NO DISC" is displayed. FDO IC1 Press the Tray1 CD Eject Button without inserting a disc, (102) and try starting the playback operation. TDO IC1 (101) Figure 1 1. Does the pickup move to the PICKUP-IN Switch (NSW1) No Sled motor (NM2). position? Yes 2. Does the focus (lens) move up and down? No Check the focus peripheral circuit. (Waveform drawing Figure 1) Yes 3. Is the laser lit? No Check the laser diode driver Q5 peripheral circuit. Yes 4. Is the turntable rotating? Spindle motor (NM1). No When a disc is loaded, start playback operation. 1. Is focus servo activated? Pins 98, 99, 101,102,106 ~113 on IC1 No (Waveform drawing Figure 2) Check the laser diode driver Q5 peripheral circuit. Yes 2. Is the RF waveform normal? If the level is not normal. No (Waveform drawing Figure 3) RFOUT IC1 IC1 FDO (102) (118) IC1 Edge CH1 1 Auto 1.250 V (63)

Figure 2 Figure 3

(2) Tracking system check

Check the TE waveform at pin 16 on IC1.

If the waveform shown in Figure 4 appears and soon after NO DISC appears?

The tracking servo is not activated. Check the peripheral circuits at pins 98, 99, 101, 102 on IC1, and FFC1.

Yes

Initialization" is possible, but play is not possible?

Yes

A normal jump operation cannot be completed or the beginning of the track cannot be found. Check the around pin 101 on IC1.

No

Initialization" is not possible.

Data cannot be read. Check the VCO-PLL (Pin125 ~128 on IC1) system.

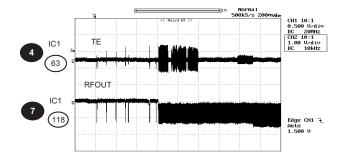


Figure 4

(3) Spin system check.

Press the OPEN/CLOSE switch without inserting a disc, and then try starting the play operation.

1. The turntable rotates a little?
(Waveform drawing Figure 5)

No

2. The turntable doesn't rotate.

Yes

The spin driver circuit is OK.

Check around pin 98 on IC1, pins 1 and 2 on CNP2.

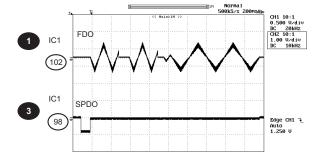


Figure 5

(4) PLL system check. When a disc is loaded, start play operation. The RF waveform is normal, but the TOC data cannot be read. Check the PLL waveform. (Figure 6) Check around pins 125~ 128 on IC1.

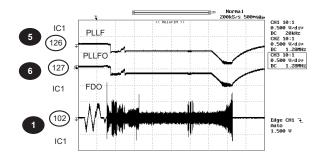


Figure 6

CHAPTER 5. MAJOR PART DRAWING

[1] Function Table Of IC

IC1 RH-IXA311AW00 : System Microcomputer (1/4)

Pin No.	NAME	Input/ Output	Туре	Description
1	H/P-SW P3_3 / SSI	Input	CMOS Input / Output	HEADPHONE IN DETECTION SWITCH H:IN,L:OUT
	_	land 1 Outset		
2	TUN_SDA / DAP_SDA	Input / Output	CMOS Input / Output	TUNER/DAP DATA I2C BUS LINE
	P3_4 / SDA / SCS		<u>'</u>	
3	MODE	Input	Input	CONNECT THIS PIN TO VCC VIA A RESISTOR
	MODE			
4	XCIN	Input	CMOS Input /	32.768kHz CRYSTAL (SUB CLOCK)
	P4_3 / XCIN		Output	
5	XCOUT	Output	CMOS Input /	32.768kHz CRYSTAL (SUB CLOCK)
	P4_4 / XCOUT		Output	
6	RESET	Input	Input	RESET INPUT. ACTIVE "L"
	RESET			CONNECT TO WRITER RESET LINE DURING FLASH
7	XOUT	Output	Input	8MHz CERAMIC OSCILLATOR (MAIN CLOCK)
	P4_7 / XOUT			
8	VSS			GROUND
	VSS / AVSS			
9	XIN	Input	Input	8MHz CERAMIC OSCILLATOR (MAIN CLOCK)
	P4_6 / XIN	1		
10	VCC			3.3V SUPPLY
	VCC / AVCC	_		
11	DAP_RST	Output	CMOS Input /	DAP RESET CONTROL
	P5 4 / TRCIOD	_	Output	H: NORMAL, L: RESET
12	DAP_PWDN	Output	CMOS Input /	DAP POWER DOWN CONTROL
-	P5_3 / TRCIOC	- Catpat	Output	H: NORMAL, L: POWER DOWN
13	DAP_MUTE	Output	CMOS Input /	DAP MUTE CONTROL
10	P5_2 / TRCIOB	Output	Output	H: OFF, L: ON
14	+12V_EN	Output	CMOS Input /	12V SUPPLY CONTROL
14	P5_1 / TRCIOA / TRCTRG	Output	Output	12V SUPPLI CONTROL
15	DSEL_OE	Output	CMOS Input /	D+/D- BUS SELECTOR OUTPUT ENABLE
15	_	Output	Output	H: DISCONNECT, L: CONNECT
40	P5_0 / TRCCLK	Outrot		
16	FL_CS	Output	CMOS Input / Output	FL DRIVER CHIP SELECT OUTPUT
	P2_7 / TRDIOD1		<u>'</u>	
17	FL_RESET	Output	CMOS Input / Output	FL DRIVER RESET
	P2_6 / TRDIOC1		•	
18	iPod_DET	Input		iPod IN DETECTION
	P2_5 / TRDIOB1		Output	L: IN, H: OUT
19	FAULT	Input	CMOS Input /	CURRENT LIMITTER IC ERROR DETECT
	P2_4 / TRDIOA1		Output	
20	I_SW	Output	CMOS Input /	VBUS CONTROL SWITCH FOR IPOD CHARGING
	P2_3 / TRDIOD0		Output	H: iPod , L : OTHER
21	U_SW	Output	CMOS Input /	VBUS CONTROL SWITCH FOR USB CHARGING
L	P2_2 / TRDIOC0		Output	H: USB , L : OTHER
22	FW_UPD_STA	Input	CMOS Input /	FIRMWARE UPDATE STATUS
	P2_1 / TRDIOB0		Output	
23	DSEL_S	Output	CMOS Input /	D+/D- BUS SELECTOR CONTROL
	P2_0 / TRDIOA0 / TRDCLK	1	Output	H:iPod, L:USB
24	RX_IN	Input	CMOS Input /	REMOCON SENSOR INPUT
	P1_7 / TRAIO / INT1	† '	Output	
25	FL_SCK	Output	CMOS Input /	FL DRIVER CLOCK OUTPUT
	P1_6 / CLK0	-	Output	
26	FW_UPD_PRO	Input	CMOS Input /	FIRMWARE UPDATE PROGRESS
	P1_5 / RXD0 / (TRAIO) /	-	Output	
	(INT1)			
27	FL_SDATA	Output	CMOS Input /	FL DRIVER DATA OUTPUT
	P1_4 / TXD0	-	Output	
	· '_='/ 1/100	<u> </u>		

IC1 RH-IXA311AW00 : System Microcomputer (2/4)

Pin No.	NAME	Input/ Output	Туре	Description
28	TRAY_MOT- P8 6	Output	CMOS Input / Output	TRAY MOTOR - CONTROL
29	TRAY_MOT+	Output	CMOS Input /	TRAY MOTOR + CONTROL
29	P8 5 / TRFO12	Output	Output	TRAT MOTOR + CONTROL
30	TRAY_IN	Input	CMOS Input /	TRAY CLOSE SWITCH DETECTION
30	P8_4 / TRFO11		Output	THAT GLOGE GWITOTI BETEGITOR
31	TRAY_OUT	Input	CMOS Input /	TRAY OPEN SWITCH DETECTION
31	P8 3 / TRFO10 / TRFI		Output	THAT OF ENGINEERED TION
32	A_MUTE	Output	CMOS Input /	AMP MUTE CONTROL
	P8_2 / TRFO02	'	Output	
33	NC	Output	CMOS Input /	Fix "L"
	P8_1 / TRFO01		Output	
34	USB_IN	Input	CMOS Input /	USB DETECTION
	P8_0 / TRFO00		Output	H: DETACH, L: ATTACH
35	CD_MREQ	Output	CMOS Input /	DATA TRANSMISSION REQUEST TO CD DSP
	P6_0 / TREO		Output	
36	SYS_STOP	Input	CMOS Input /	POWER FAILURE DETECTION
	P4_5 / INT0		Output	
37	CD_SREQ	Input	CMOS Input /	DATA TRANSMISSION REQUEST TO CD DSP
	P6_6 / INT2 / TXD1		Output	
38	NC	Output	CMOS Input /	Fix "L"
	P6_7 / INT3 / RXD1	_	Output	
39	CD_SCLK	Output	CMOS Input /	DATA TRANSMISSION/RECEPTION SYNCHRONOUS CLOCK TO CD DSP
	P6_5 / (CLK1) / CLK2		Output	
40	CD_SO	Input	CMOS Input / Output	DATA OUTPUT FROM CD DSP
44	P6_4 / RXD2	Outro	CMOS Input /	DATA INDUIT TO CD DCD
41	CD_SI	Output	Output	DATA INPUT TO CD DSP
42	P6_3 / TXD2 CD_RST	Output	CMOS Input /	CD DSP RESET
42	P3_1 / TRBO	Output	Output	CD DSF RESET
43	AMP_OTW	Input	CMOS Input /	AMPLIFIER OVERTEMPERATURE WARNING DETECTION
70	P3 0 / TRAO	- Input	Output	H: NORMAL, L: ABNORMAL
44	AMP_SD	Input	CMOS Input /	AMPLIFIER SHUTDOWN DETECTION
	P3_6 / (INT1)		Output	H : NORMAL , L : ABNORMAL
45	IN_SO	Output	CMOS Input /	INPUT SELECTOR CONTROL 0
	P3_2 / (INT2)		Output	
46	IN_S1	Output	CMOS Input /	INPUT SELECTOR CONTROL 1
	P1_3 / KI3 / AN11		Output	
47	TUN_RST	Output	CMOS Input /	TUNER RESET
	P1_2 / KI2 / AN10		Output	
48	S/W_MUTE	Output (A / D)	CMOS Input /	SUBWOOFER MUTE CONTROL
	P1_1 / KI1 / AN9		Output	
49	iPod_EN	Output (A / D)	CMOS Input /	CURRENT LIMITTER IC SELECTOR
	P1_0 / KI0 / AN8		Output	H:IPOD L:OTHERS
50	JOG_1/2	Input (A / D)	CMOS Input /	JOG SIGNAL A/D INPUT
	P0_0 / AN7		Output	
51	KEY_1	Input (A / D)	CMOS Input /	POWER KEY DETECTION
	P0_1 / AN6	le t (A (B)	Output	VEVOLINE A/D DETECTION
52	KEY_2	Input (A / D)	CMOS Input / Output	KEY2 LINE A/D DETECTION
	P0_2 / AN5	0.44 (4 (5)	•	CURRENT LIMITTER IC OFT
53	CURRENT_LIMIT	Output (A / D)	CMOS Input / Output	CURRENT LIMITTER IC SET
E1	P0_3 / AN4 USB_EN	Output (A / D)	CMOS Input /	CURRENT LIMITTER IC SELECTOR
54	P0_4 / AN3	Output (A / D)	Output	H:USB L:OTHERS
55	TIMER_LED	Output	CMOS Input /	TIMER LED CONTROL
33	P6_2	Output	Output	H: ON, L: OFF
56	AC-RELAY	Output	CMOS Input /	MAIN TRANS ON/OFF CONTROL
	P6_1	Jacpac	Output	H : POWER ON/DEMO , L : POWER OFF/ECO
			<u>'</u>	<u>'</u>

XL-HF201P

IC1 RH-IXA311AW00 : System Microcomputer (3/4)

Pin No.	NAME	Input/ Output	Туре	Description
57	LEVEL_DET	Input (A / D)	CMOS Input /	ANALOG AUDIO LEVEL INPUT A/D DETECTION
	P0_5 / AN2 / CLK1		Output	
58	AREA	Input (A / D)	CMOS Input /	DESTINATION SETTING A/D INPUT
	P0_6 / AN1 / DA0		Output	
59	VSS			GROUND
	VSS / AVSS			
60	SYS_PROTECT	Input (A / D)	CMOS Input /	SUPPLY ABNORMAL A/D DETECTION
	P0_7 / AN0 / DA1		Output	
61	VREF			A/D CONVERTER REFERENCE VOLTAGE SUPPLY
	VREF			
62	VCC			3.3V SUPPLY
	VCC / AVCC			
63	H/P-MUTE	Output	CMOS Input /	HEADPHONE MUTE CONTROL
	P3_7 / SSO		Output	L:ON, H:OFF
64	TUN_SCL/DAP_SCL	Output	CMOS Input /	TUNER/DAP CLOCK I2C BUS LINE
	P3_5 / SCL / SSCK		Output	

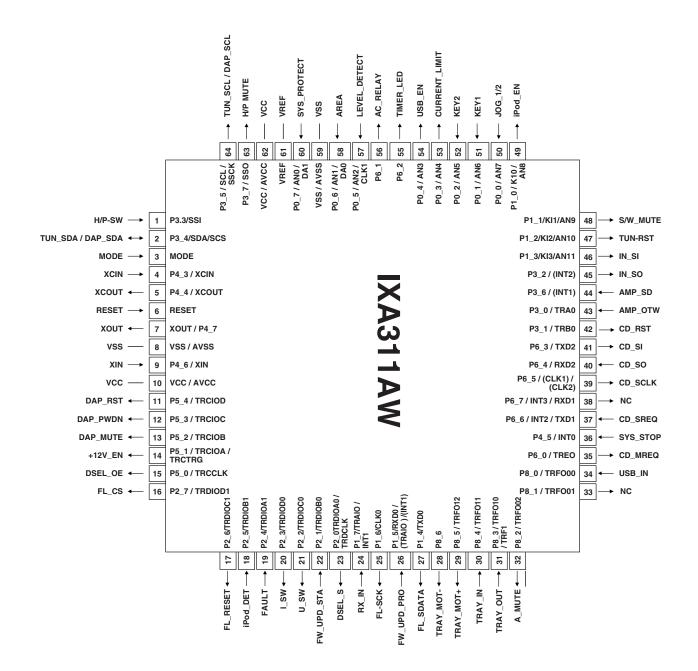


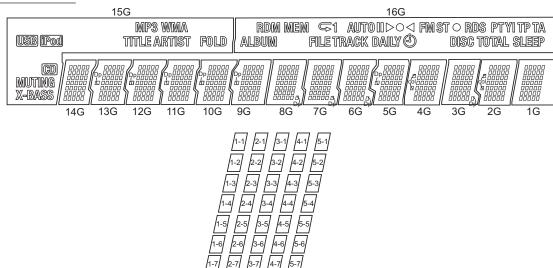
Figure 5-1 Block Diagram of IC

XL-HF201P

[2] FL Display

FL700 VVKNA16SM21-1

GRID ASSIGNMENT



ANODE CONNECTION

16G																	
P2 DALLY		16G	15G	14G	13G	12G	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
P3 TRACK	H																
P4																	
PS FILE	_				3-1	3-1	3-1	3-1	3-1	3-1		-	-	3-1	_	-	-
P6				4— 1	4-1	4-1	4-1	4-1	4— 1	4-1	4— 1	4-1	4-1	4-1	4-1	4— 1	4-1
P7	P5				_		5-1	_	_	5-1	-	5-1	-	5-1	5-1		-
P8	P6				1-2		1-2	1-2	· -	1-2	1-2		1-2	1-2	1-2	1-2	1-2
P9	P7			2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2
P10 CHAP	P8			3-2	3-2	3-2	3-2	3-2	3-2	3-2	_	3-2	3-2	3-2	3-2	3-2	3-2
P11 MEM	P9			4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2
P12 ALBUM	P10				5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2
P13 RDM	P11			1-3	1-3	1 — 3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3
P14	P12			2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3
P15	P13			3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3
P16	P14			4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3
P17	P15		FOLD	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3
P18	P16	\triangleright	1	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4
P19	P17	(left)	S.BASS	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4
P20 2 TITLE 5-4 5-5	P18		ARTIST	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
P21	P19	1 (lower)	WIMA	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4
P22 4 AAC 2-5 3-5 5-5 5-5 5-5	P20	2	TITLE	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4
P22 4 AAC 2-5 3-5 5-5 5-5 5-5	P21	3	MP3	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
P24 ST	P22		AAC	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5
P25	P23	FM	dis	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5
P25	P24	ST	4	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
P27 RDS CODIGITAL 2-6 3-6 3	P25		(DAB)	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5
P27 RDS CODIGITAL 2-6 3-6 3	P26	DISC	DOPLII	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6
P29 PTY			DODIGITAL	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6
P29 PTY	P28	TOTAL	(Pod)	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6
P30 SLEEP DVD 5-6 5-	P29		USB	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6
P31 TTP SD 1-7	P30		(DVD)	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6
P32 TA CD 2-7				1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7
P34 MUTING 4-7 4-7 4-7 4-7 4-7 4-7 4-7 4-7 4-7 4-7	P32		CD	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7
P35 X-BASS 5-7 5-7 5-7 5-7 5-7 5-7 5-7 5-7 5-7 5-7	P33		(DivX)	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7
P35 X-BASS 5-7 5-7 5-7 5-7 5-7 5-7 5-7 5-7 5-7 5-7	P34		MUTTING	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7
	P35			5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7
				_	Dp	Dp	Dp	Dp	Dp	Dp	Dp	Dp	Dp	col	Dp	col	

OUTER DIMENSIONS



PIN CONNECTION

PIN NO.	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34
CONNECTION	F2	NP	F2	NP	NP	16G	15G	P35	P34	P33	P32	P31	P30	P29	P28	P27	P26	P25	P24	NC	P23	P22	P21	P20	P19	P18	P17	NC	P16	NC	P15	P14	P13
	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	P12	P11	P10	P9	P8	P7	P6	P5	P4	РЗ	P2	P1	P36	NC	14G	13G	12G	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G	NP	NP	F1	NP	F1

Note
1) Fn: Filament Pin
2) NP: No pin
3) Pn: Anode pin
4) NG: Grid pin
5) NC: No connected pin

CHAPTER 6. CIRCUIT DESCRIPTION

[1] Waveform Of Servo Circuit

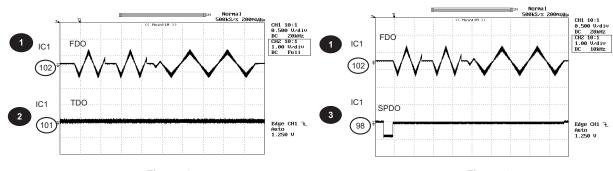


Figure 1 Figure 2

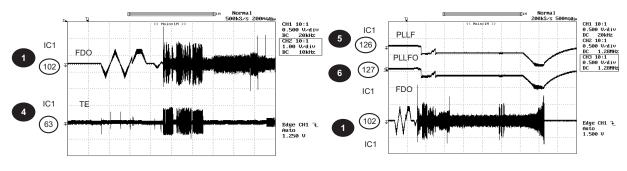


Figure 3 Figure 4

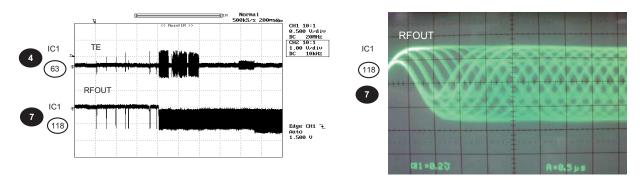


Figure 5 Figure 6

[2] Voltage

Main PWB

				IC1					
PIN	VOLTAGE	PIN	VOLTAGE		PIN	VOLTAGE		PIN	VOLTAGE
NO	(V)	NO	(V)		NO	(V)		NO	(V)
1	1.73	33	1.68]	65	33.70m	1	97	25.70m
2	24.00m	34	1.73]	66	33.80m	1	98	1.73
3	1.73	35	34.90m		67	33.90m]	99	1.73
4	3.43	36	34.70m]	68	3.44	1	100	1.36
5	1.73	37	34.70m		69	3.44		101	1.73
6	24.00m	38	34.70m		70	33.80m		102	1.73
7	24.10m	39	3.08		71	3.44]	103	1.73
8	24.10m	40	3.34		72	8.50m		104	1.72
9	1.62	41	3.44		73	33.80m]	105	1.73
10	1.66	42	30.50m		74	3.44		106	1.73
11	3.43	43	1.22		75	3.44]	107	1.73
12	3.43	44	3.42		76	3.44	1	108	1.74
13	1.22	45	3.42		77	1.23]	109	1.74
14	3.43	46	1.17		78	30.00m]	110	1.74
15	1.22	47	3.44		79	1.24	1	111	1.74
16	23.80m	48	1.06		80	1.23	1	112	18.70m
17	68.40m	49	1.08		81	1.21		113	3.43
18	25.00m	50	1.39		82	3.42		114	18.20m
19	32.30m	51	1.16		83	3.38		115	3.43
20	3.43	52	7.20m		84	3.01		116	1.71
21	34.90m	53	1.87		85	3.05		117	1.75
22	24.90m	54	1.63		86	9.10m		118	1.71
23	1.63	55	1.18		87	9.00m		119	1.82
24	1.65	56	1.58		88	9.00m		120	1.17
25	3.43	57	1.23		89	NC		121	1.22
26	25.7m	58	3.44		90	NC		122	1.19
27	1.43	59	3.44		91	NC		123	1.73
28	36.20m	60	3.44		92	NC		124	1.73
29	35.80m	61	3.41		93	NC		125	1.05
30	33.10m	62	31.20m		94	3.38		126	1.11
31	33.10m	63	31.20m		95	1.20		127	1.11
32	1.22	64	3.10		96	3.41		128	1.10

		IC3	3	
PIN	VOLTAGE		PIN	VOLTAGE
NO	(V)		NO	(V)
1	NC		11	21.70m
2	4.34		12	3.44
3	NC		13	3.44
4	3.44		14	32.70m
5	3.44		15	NC
6	NC		16	NC
7	NC		17	NC
8	NC		18	NC
9	NC		19	NC
10	NC		20	NC

	IC4
PIN	VOLTAGE
NO	(V)
1	37.00m
2	4.85
3	4.85
4	1.21
5	3.10
6	1.42
7	1.54
8	3.62
9	1.70
10	1.41
6 7 8 9	1.42 1.54 3.62 1.70

	IC6
PIN	VOLTAGE
NO	(V)
1	44.30m
2	44.90m
3	0.77
4	1.05
5	36.40m
6	24.50m
7	41.50m
8	40.80m
9	27.40m
10	3.44

				IC30	1			
PIN	VOLTAGE	PIN	VOLTAGE		PIN	VOLTAGE	PIN	VOLTAGE
NO	(V)	NO	(V)		NO	(V)	NO	(V)
1	1.83	17	1.87		33	1.84	49	36.20m
2	101.00m	18	49.30m		34	35.30m	50	36.40m
3	0.80	19	0.77		35	34.70m	51	60.50m
4	0.91	20	0.91		36	3.18	52	59.70m
5	87.10m	21	36.10m		37	3.20	53	33.80m
6	87.10m	22	36.00m		38	34.90m	54	3.23
7	1.91	23	36.00m		39	33.40m	55	NC
8	81.80m	24	3.21		40	33.40m	56	NC
9	3.25	25	3.12		41	33.30m	57	NC
10	1.29	26	1.72		42	33.40m	58	NC
11	3.11	27	1.67		43	34.30m	59	3.68
12	3.20	28	36.10m		44	NC	60	3.64
13	3.10	29	36.10m		45	NC	61	3.65
14	51.00m	30	35.30m		46	NC	62	3.66
15	3.17	31	1.25		47	NC	63	1.46
16	40.00m	32	47.00m		48	1.86	64	79.50m

	IC550
PIN	VOLTAGE
NO	(V)
1	18.20m
2	0.52
3	18.20m
4	2.39
5	16.20m
6	18.40m
7	18.40m
8	18.40m
9	25.50m
10	25.50m
11	1.07
12	18.40m
13	18.40m
14	16.40m
15	18.40m
16	11.57

	IC580
PIN	VOLTAGE
NO	(V)
1	10.96
2	153.50m
3	144.90m
4	18.70m
5	4.42
6	10.02
7	1.39
8	11.58

	IC570
PIN	VOLTAGE
NO	(V)
1	2.47
2	18.40m
3	4.91
4	3.28
5	36.00m
6	1.44
7	1.72
8	1.67
9	1.25
10	36.00m
11	36.00m
12	36.00m
13	2.46
14	2.46

PIN VOLTAGE NO (V) 1 2.75 2 15.20 3 18.00m 4 11.59 5 1.27		IC801
1 2.75 2 15.20 3 18.00m 4 11.59	PIN	VOLTAGE
2 15.20 3 18.00m 4 11.59	NO	(V)
3 18.00m 4 11.59	1	2.75
4 11.59	2	15.20
	3	18.00m
5 1.27		11.59
	5	1.27

IC803							
PIN	VOLTAGE						
NO	(V)						
1	15.22						
2	13.30m						
3	4.91						

IC900										
PIN	VOLTAGE		PIN	VOLTAGE		PIN	VOLTAGE		PIN	VOLTAGE
NO	(V)		NO	(V)		NO	(V)		NO	(V)
1	11.56		12	3.24		23	11.56		34	10.83
2	2.45		13	1.18		24	10.83		35	22.99
3	11.70m		14	1.18		25	11.60m		36	317.80m
4	38.00m		15	1.18		26	22.99		37	11.70m
5	38.20m		16	40.50m		27	22.99		38	11.70m
6	38.40m		17	40.60m		28	317.60m		39	317.80m
7	38.90m		18	40.50m		29	11.80m		40	22.99
8	40.30m		19	11.80m		30	11.80m		41	22.99
9	1.18		20	11.90m		31	317.60m		42	11.70m
10	11.90m		21	11.57		32	22.90		43	10.83
11	18.80m		22	11.56		33	10.84		44	11.56
	10.00111	I 1		11.00	I I		10.01	l		11.00

XL-HF201P

IC600										
PIN	VOLTAGE		PIN	VOLTAGE		PIN	VOLTAGE		PIN	VOLTAGE
NO	(V)		NO	(V)		NO	(V)		NO	(V)
1	3.20		17	3.08		33	25.00m		49	3.09
2	3.20		18	3.17		34	3.43		50	3.22
3	3.11		19	50.30m		35	3.03		51	3.19
4	1.38		20	7.30m		36	3.21		52	3.19
5	0.79		21	7.30m		37	3.02		53	39.60m
6	3.05		22	11.50m		38	-		54	42.80m
7	1.65		23	7.10m		39	3.08		55	3.10
8	2.80m		24	3.53		40	3.41		56	3.00
9	1.51		25	2.54		41	3.07		57	27.80m
10	3.08		26	9.20m		42	3.09		58	21.70m
11	3.08		27	1.79		43	3.21		59	20.40m
12	3.08		28	7.80m		44	3.20		60	3.20
13	5.50m		29	7.60m		45	2.90		61	3.21
14	3.07		30	291.90m		46	2.90		62	3.10
15	4.60m		31	3.18		47	3.09		63	3.10
16	1.44		32	162.00m		48	2.99		64	2.90

	IC12									
PIN	VOLTAGE		PIN	VOLTAGE		PIN	VOLTAGE		PIN	VOLTAGE
NO	(V)		NO	(V)		NO	(V)		NO	(V)
1	1.73		8	0.28m		15	2.56		22	26.00m
2	4.23		9	4.92		16	2.57		23	1.73
3	3.00		10	26.00m		17	2.56		24	4.90
4	1.73		11	2.54		18	2.55		25	4.91
5	1.25		12	3.81		19	4.92		26	1.73
6	0.28m		13	2.57		20	1.64		27	1.73
7	0.28m		14	2.54		21	2.92		28	4.94

Display PWB

IC700										
PIN	VOLTAGE		PIN	VOLTAGE		PIN	VOLTAGE		PIN	VOLTAGE
NO	(V)		NO	(V)		NO	(V)		NO	(V)
1	26.53		17	19.63		33	21.36		49	19.64
2	26.53		18	19.64		34	16.17		50	19.65
3	26.54		19	19.64		35	17.89		51	19.64
4	26.54		20	21.34		36	21.35		52	17.89
5	3.08		21	14.44		37	16.16		53	26.55
6	1.44		22	24.80		38	26.52		54	26.55
7	2.54		23	28.25		39	23.03		55	26.55
8	1.88		24	24.80		40	26.52		56	26.55
9	NC		25	16.18		41	17.89		57	26.55
10	NC		26	14.44		42	16.14		58	26.55
11	3.22		27	26.53		43	24.78		59	26.55
12	2.31		28	23.07		44	28.25		60	26.55
13	1.88		29	24.81		45	28.25		61	26.55
14	11.90m		30	14.41		46	17.88		62	26.55
15	26.54		31	14.42		47	17.90		63	26.55
16	21.54		32	19.62		48	19.64		64	26.55

XL-HF201P

CHAPTER 7. DIAGRAM

[1] Block Diagram

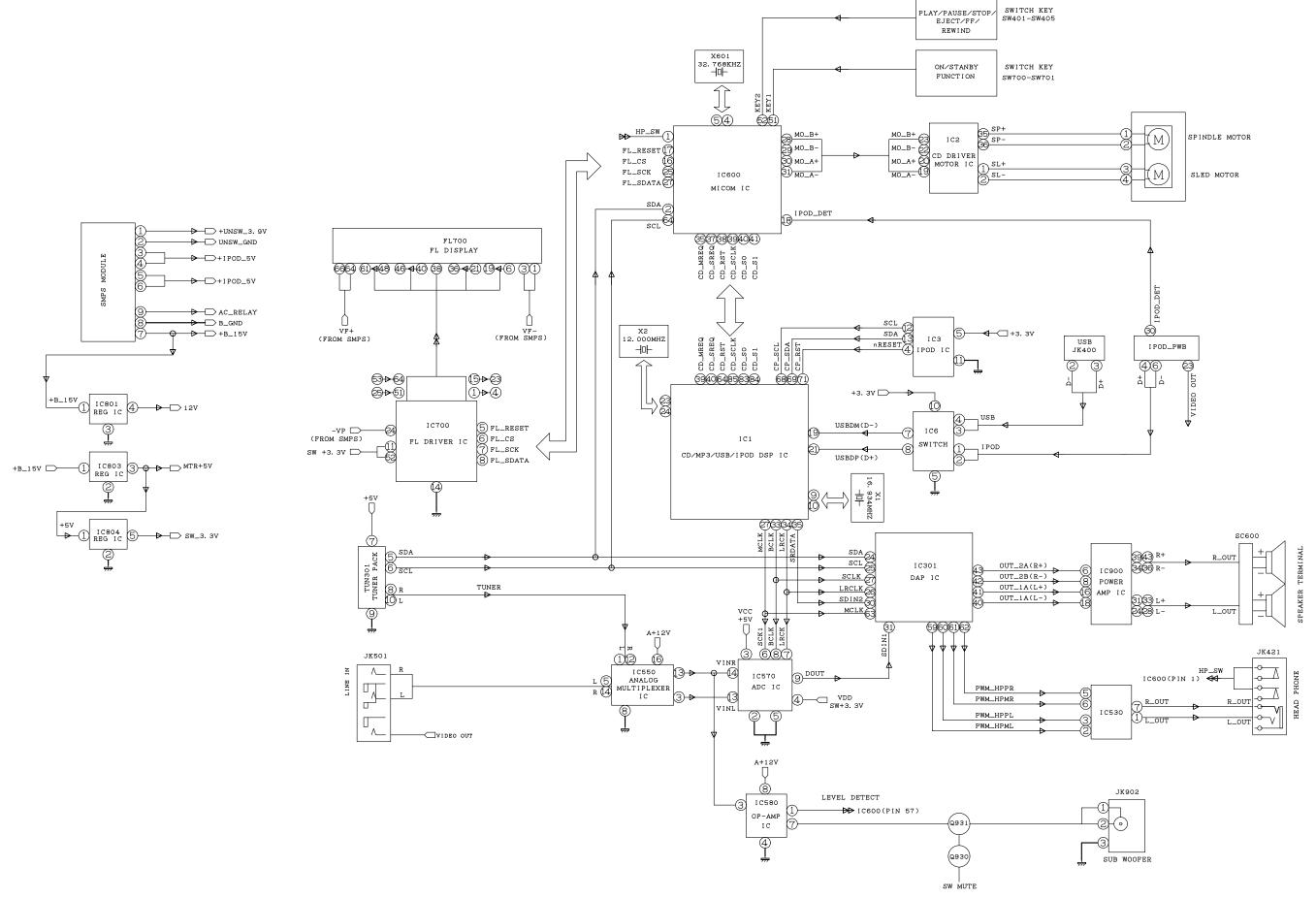


Figure 7-1: BLOCK DIAGRAM

XL-HF201P
-MEMO-

XL-HF201P -MEMO-

CHAPTER 8. CIRCUIT SCHEMATICS AND PARTS LAYOUT

[1] Notes On Schematic Diagram

- · Resistor:
 - To differentiate the units of resistors, such symbol as K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is ohm-type resistor. Besides, the one with "Fusible" is a fuse type.
- · Capacitor:

To indicate the unit of capacitor, a symbol P is used: this symbol P means pico-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage is used".

(CH), (TH), (RH), (UJ): Temperature compensation

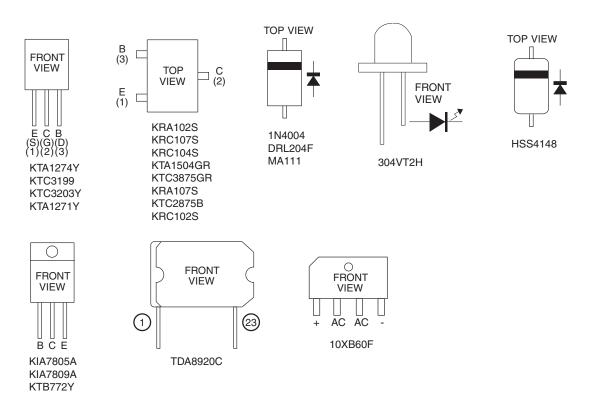
(ML): Mylar type

(P.P.): Polypropylene type

	·	
REF. NO	DESCRIPTION	POSITION
VR700	VOLUME	MAX MIN
SW700	ON/STAND-BY	ON OFF
SW701	FUNCTION	ON OFF
SW702	PLAY/PAUSE	ON OFF
SW703	REWIND	ON OFF
SW704	FAST FORWARD	ON OFF
SW705	STOP	ON OFF
SW706	CD EJECT	ON OFF

- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.
 - In the tuner section, indicates AM indicates FM stereo
 - 2. In the CD section, the CD is stopped.
- Parts marked with "⚠" (☐☐☐☐☐☐]) are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set

[2] Types Of Transistor And LED



[3] Schematic Diagram

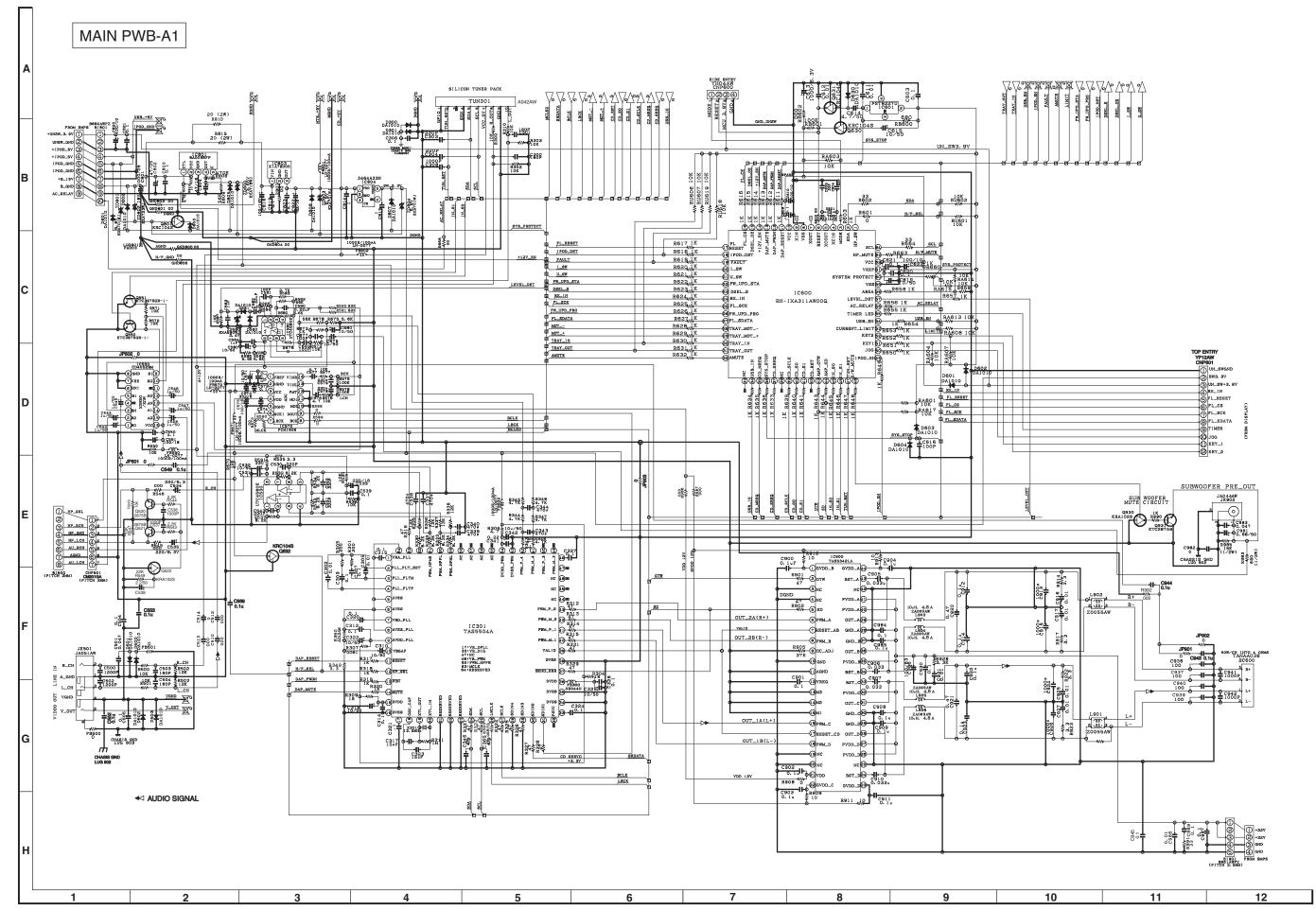


Figure 8-1: MAIN SCHEMATIC DIAGRAM

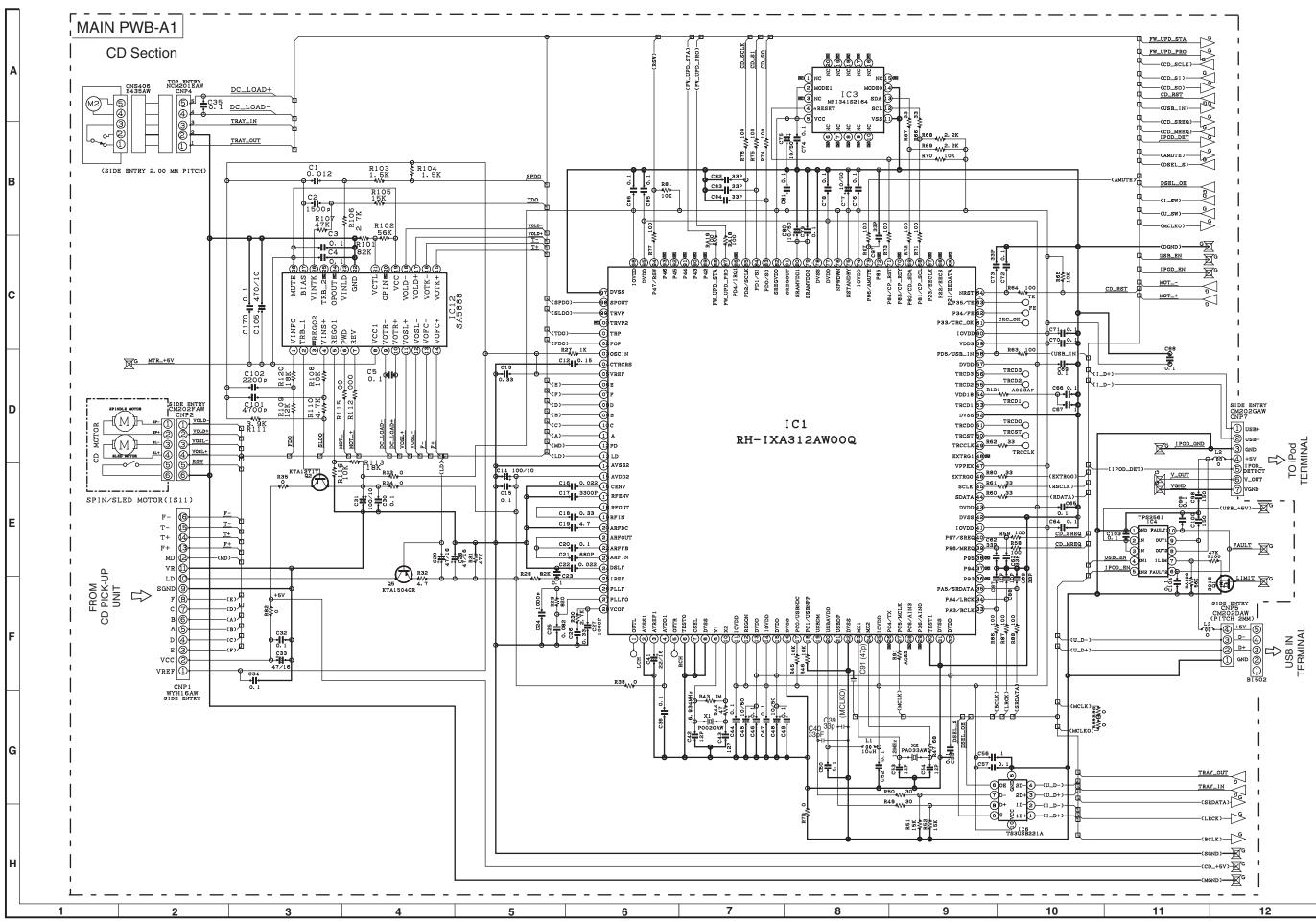


Figure 8-2: MAIN (CD) SCHEMATIC DIAGRAM

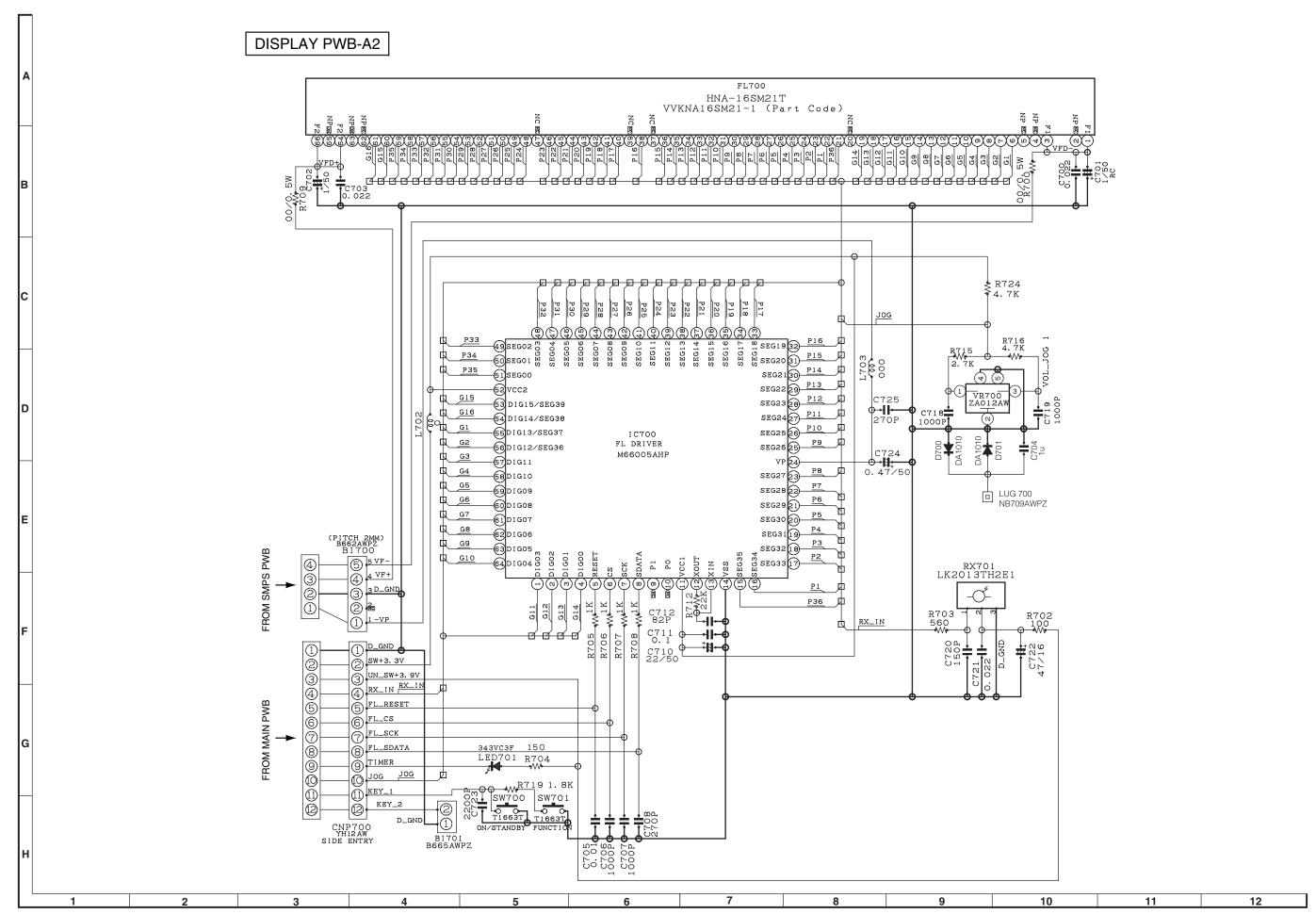


Figure 8-3: DISPLAY SCHEMATIC DIAGRAM

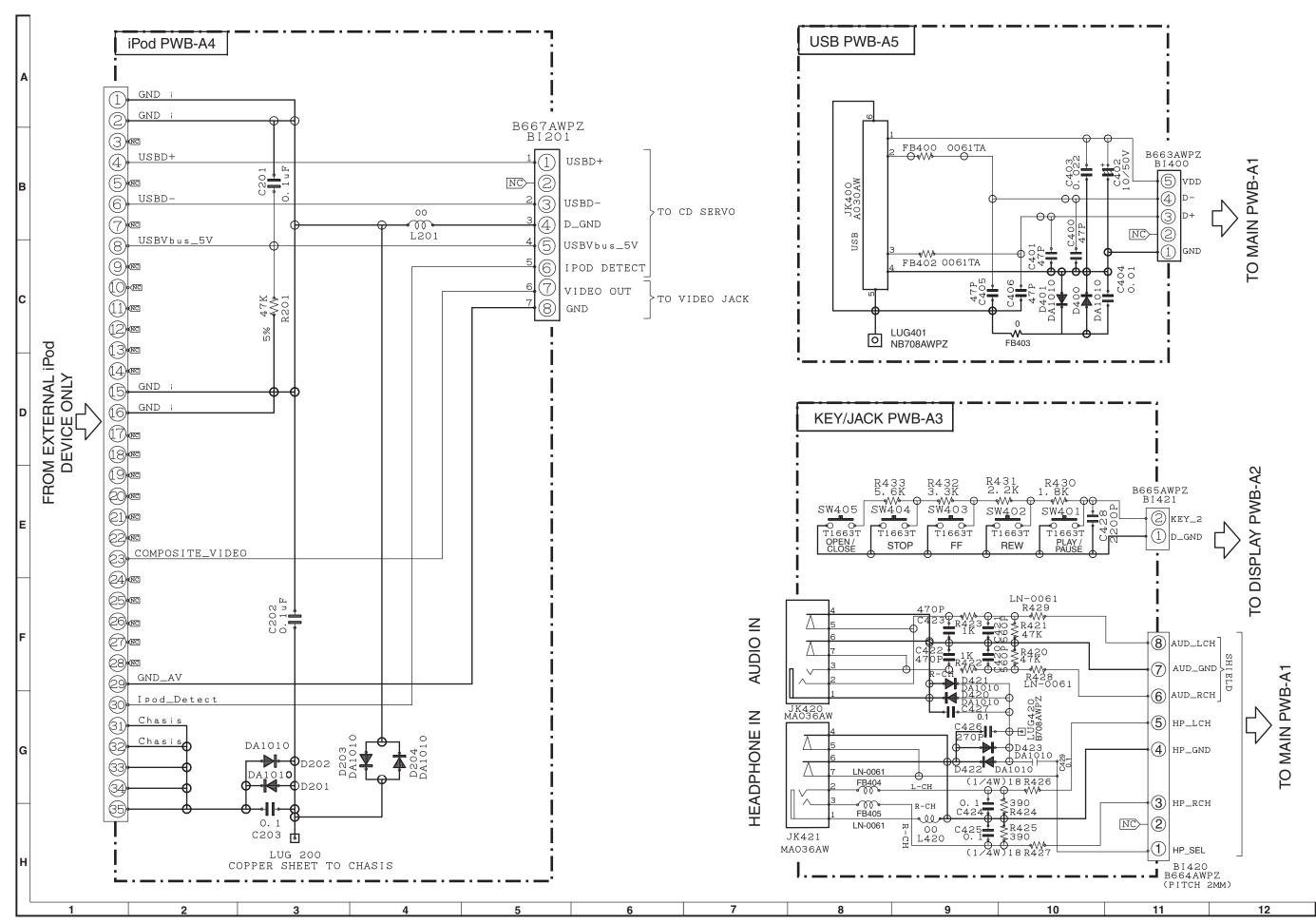


Figure 8-4: iPod, USB AND JACK SCHEMATIC DIAGRAM

[4] Chart Of Connecting Wires

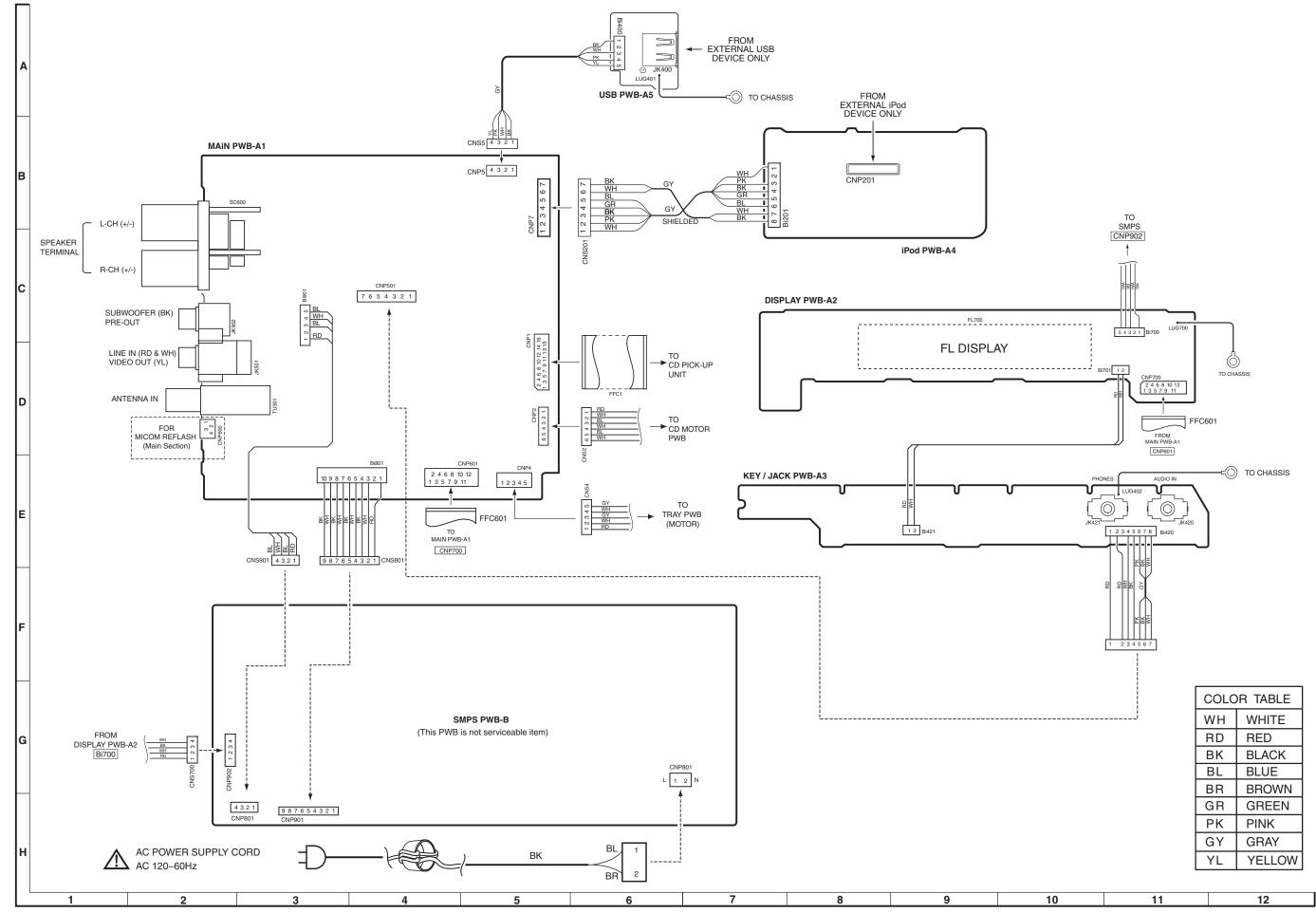


Figure 8-5: WIRING CONNECTION

[5] Wiring Side Of PWB MAIN PWB-A1 → D301 → D300 C503 J K 5 0 1 C510 B C512B C513 1 C514 1 R514 22 22 R515 a JP901 L903 C815 C814 GND804 ☑ GND801 ☑ ZD802 @ ZD801 C FB801 500 1 2 3 4 5 R992 **₹** R675 ₩ FB571 EE C345 Sn-As-Cu ⊠⊞ C47 日日 日 2 -**32**-5432 CNP4 654321 1234567 **BOTTOM VIEW TOP VIEW** Lead-free solder indication Lead-free solder is used in the MAIN PWB. Refer to "Precautions for handling lead-free solder" for instructions 10 11 12

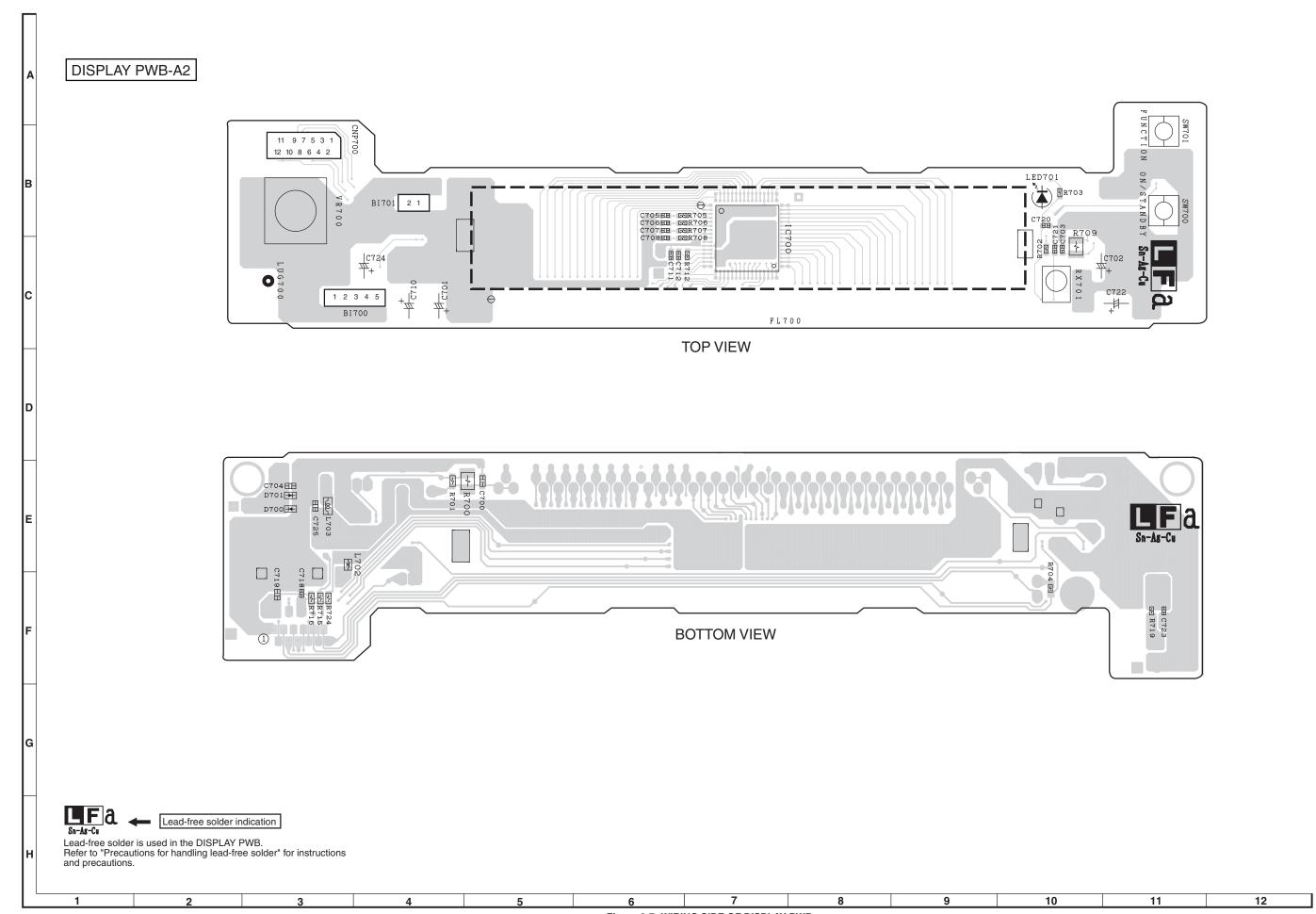
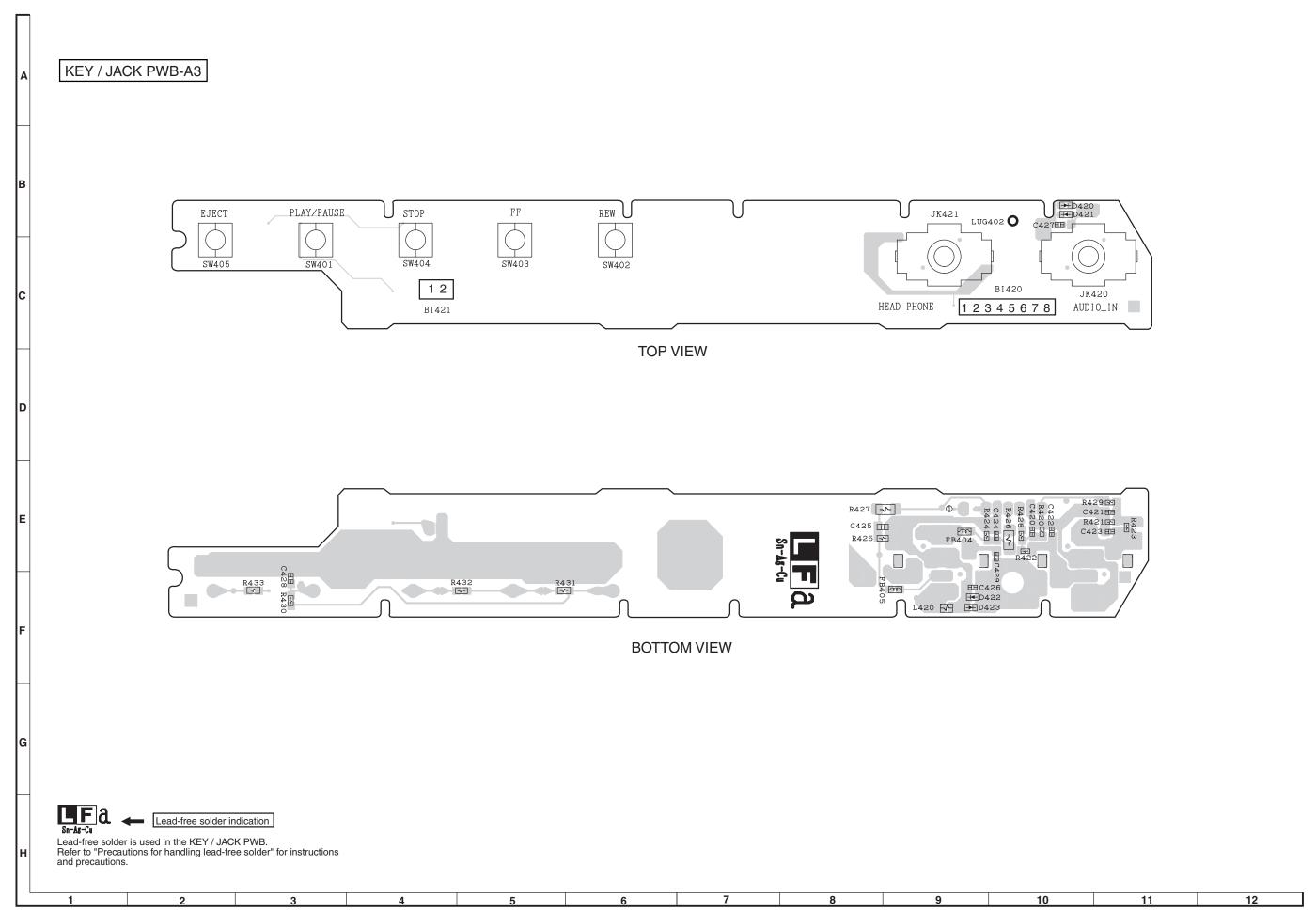
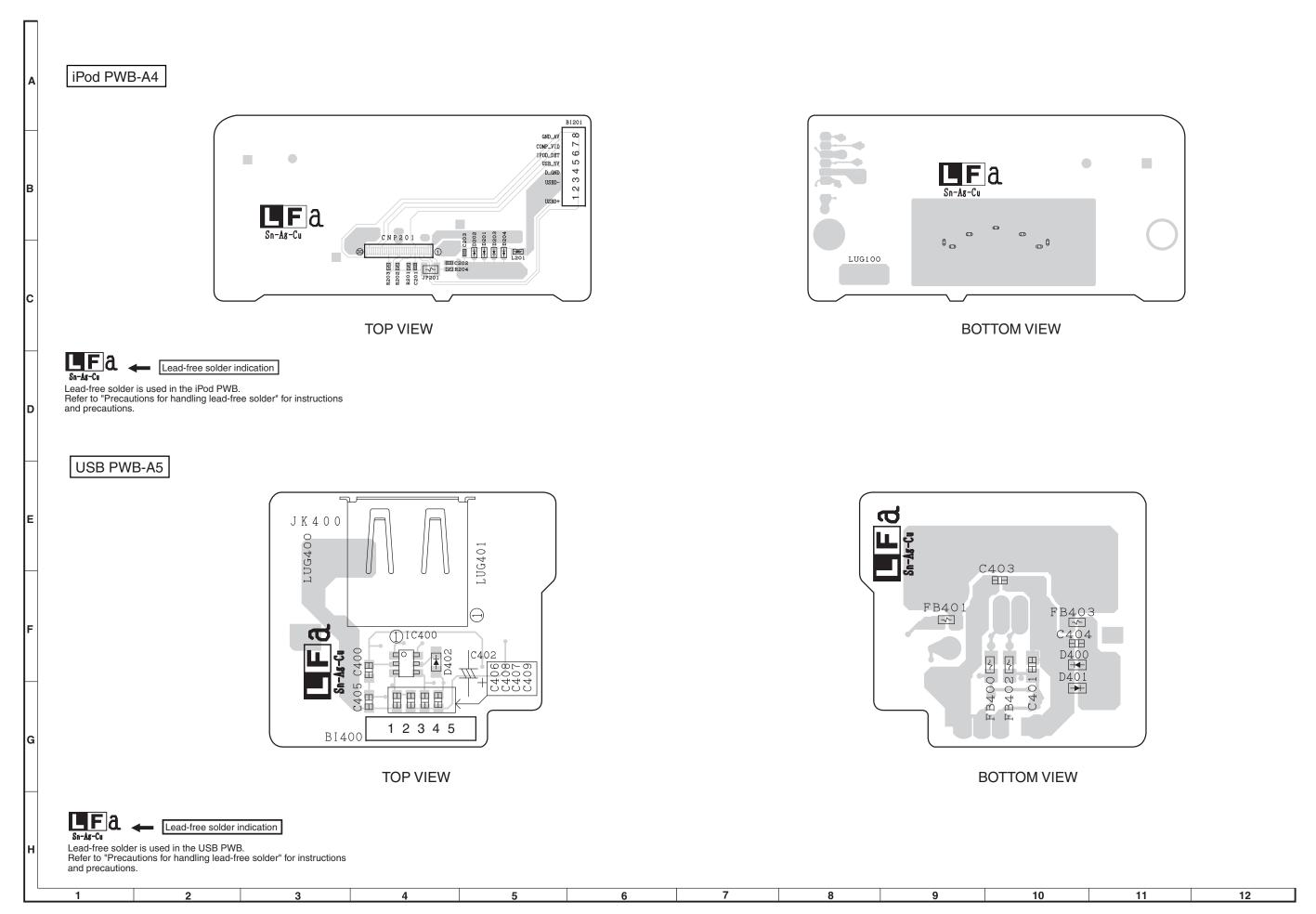


Figure 8-7: WIRING SIDE OF DISPLAY PWB





XL-HF201P
-MEMO-

XL-HF201P -MEMO-

SHARP PARTS GUIDE

HI FI COMPONENT SYSTEM MODEL XL-HF201P(BK)

XL-HF201P(BK) Hi Fi Component System consisting of XL-HF201P(BK) (main unit) and CP-HF200 (speaker system).

CONTENTS -

[1]	INTEGRATED	CIRCUITS
-----	------------	----------

- [2] TRANSISTORS
- [3] DIODES
- [4] COILS
- [5] CRYSTALS / VIBRATORS
- [6] CAPACITORS
- [7] RESISTORS

[8] OTHER CIRCUITRY PARTS

- [9] CABINET PARTS / CD MECHANISM PARTS
- [10] SPEAKER BOX PARTS
- [11] ACCESSORIES / PACKING PARTS
- [12] P.W.B. ASSEMBLY
- [13] OTHER SERVICE PARTS

Explanation of capacitors/resistors parts codes

Capacitors	Resistors
VCC Ceramic type	VRD
VCK Ceramic type	VRS
VCT Semiconductor type	VRN
VC • • MF Cylindrical type (without lead wire)	VR • • MF
VC • • MN Cylindrical type (without lead wire)	VR • • MN
VC • • TV Square type (without lead wire)	VR • • TV
VC • • TQ Square type (without lead wire)	VR • • TQ
VC • • CY Square type (without lead wire)	VR • • CY
VC • • CZ Square type (without lead wire)	VR • • CZ
VC ••••• J The 13th character represents capacity difference.	VR • • • • • • • • •
("J" ±5%, "K" ±10%, "M" ±20%, "N" ±30%,	
"C" ±0.25 pF, "D" ±0.5 pF, "Z" +80-20%.)	
	If there are no inc

V N D	Carbon-IIIII type
VRS	Carbon-film type
VRN	Metal-film type
VR • • MF	Cylindrical type (without lead wire)
VR • • MN	Cylindrical type (without lead wire)
VR • • TV	Square type (without lead wire)
VR • • TQ	Square type (without lead wire)
VR • • CY	Square type (without lead wire)
VR • • CZ	Square type (without lead wire)
$VR \bullet \bullet \bullet \bullet \bullet \bullet \bullet J \dots$	The 13th character represents error
	("J" ±5%, "F" ±1%, "D" ±0.5%.)

Carbon-film type

If there are no indications for other parts, the resistors are $\pm 5\%$ carbon-film type.

Explanation of PWB Assembly parts code category

S Category -- Repair (Component parts of PWB can be replace and repair, PWB no supply)

X Category -- Replacement (PWB can not be repair. Component parts no supply)

S.X Category -- Repair and Replacement (PWB can repair and replace)

If there are no indications for the electrolytic capacitors, error is $\pm 20\%$.

KG Category -- Revolve repair by Business Center (Return to Business Center and repair by manufacturer. Component parts no supply)

Parts marked with "\(\frac{\Lambda}{\Lambda}\)" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION				
[1] INTEG	[1] INTEGRATED CIRCUITS								
i C1	RH-iXA312AW00	BA			CD DSP, MN66F27946, 64 Pin				
i C3	VHi341S2162-1				Apple Authentication IC				
i C4	VHiTPS2561D-1	AH			CRT Limiter Power Switch USB Switch				
i C 6 i C 1 2	VHiTS3USB++-1 VHiSA5888TR-1	AG AG			CD Driver, SA5888, 28 Pin				
i C3 0 1	VHiTAS5504A-1	AR			Digital Audio PWM				
i C 5 3 0	VHiUTC4580E-1	AC			Dual Operational Amplifier				
i C 5 5 0	VHiCD4052BM-1	ΑE			Analog Multi / Demultiplexer				
i C 5 3 0	VHiPCM1808P-1	AH			Single Ended Analog				
i C 5 8 0 i C 6 0 0	VHiUTC4580E-1 RH-iXA311AW00	AC AV			Dual Operational Amplifier System Microcomputer,iXA311AW				
i C 6 0 1	VH i PST 8 2 2 7 U - 1	AC			Reset IC, 2.7V				
i C700	VHiM66005AHP1	AS			FL Driver				
i C801	VHiBA00BWFP-1	AG			Voltage Regulator				
i C8 0 3	VHIKIA7805AP1	AC			Voltage Regulator				
i C8 0 4 i C9 0 0	VHi3464A33N-1 VHiTAS5342L-1	AC AR			Voltage Regulator, 3.3V Digital Amplifier				
		////		Į	Signal / Implinior				
[2] TRAN									
Q1	VS2SK3018//-1	AC AC			N Channel SK3018				
Q2 Q5	VSKTA1271Y/-1 VSKTA1504GR-1	AB			Silicon,PNP,KTA1271 Y Silicon,PNP.KTA1504 GR				
Q520	VSKTC2875B/-1	AC			Silicon,NPN,KTC2875 B				
Q521	VSKTC2875B/-1	AC			Silicon,NPN,KTC2875 B				
Q522	VSKRA102S//-1	AB			Digital,PNP,KRA102 S				
Q550	VSKTC3875GR-1 VSKTC3875GR-1	AB AB			Silicon,NPN,KTC3875 GR Silicon,NPN,KTC3875 GR				
Q551 Q630	VSKRC104S//-1	AC			Digital,NPN,KRC104 S				
Q631	VSKRC104S//-1	AC			Digital,NPN,KRC104 S				
Q632	VSKRC104S//-1	AC			Digital,NPN,KRC104 S				
Q801	VSKRC104S//-1	AC AB			Digital,NPN,KRC104 S				
Q930 Q931	VSKRA102S//-1 VSKTC2875B/-1	AC			Digital,PNP,KRA102 S Silicon,NPN,KTC2875 B				
[3] DIODE		AO			omoon, w. rv, kroedro b				
D201	VHDDA1010++-1	AB		ı	Silicon,DA1010				
D201	VHDDA1010++-1	AB			Silicon,DA1010				
D203	VHDDA1010++-1	AB			Silicon,DA1010				
D204	VHDDA1010++-1	AB			Silicon,DA1010				
D300 D301	VHDDA1010++-1 VHDDA1010++-1	AB AB			Silicon,DA1010 Silicon,DA1010				
D301	VHDDA1010++-1	AB			Silicon.DA1010				
D401	VHDDA1010++-1	AB			Silicon,DA1010				
D402	VHDDA1010++-1	AB			Silicon,DA1010				
D420 D421	VHDDA1010++-1 VHDDA1010++-1	AB AB			Silicon,DA1010 Silicon,DA1010				
D421	VHDDA1010++-1	AB			Silicon,DA1010				
D423	VHDDA1010++-1	AB			Silicon,DA1010				
D500	VHDDA1010++-1	AB			Silicon,DA1010				
D501 D502	VHDDA1010++-1 VHDDA1010++-1	AB AB			Silicon,DA1010 Silicon,DA1010				
D502	VHDDA1010++-1	AB			Silicon,DA1010				
D580	VHDDA1010++-1	AB			Silicon,DA1010				
D581	VHDDA1010++-1	AB			Silicon,DA1010				
D601 D602	VHDDA1010++-1 VHDDA1010++-1	AB AB			Silicon,DA1010 Silicon,DA1010				
D602 D603	VHDDA1010++-1	AB			Silicon,DA1010 Silicon,DA1010				
D604	VHDDA1010++-1	AB			Silicon,DA1010				
D630	VHDDA1010++-1	AB			Silicon,DA1010				
D700	VHDDA1010++-1	AB			Silicon,DA1010				
D701 D801	VHDDA1010++-1 VHDDA1010++-1	AB AB			Silicon,DA1010 Silicon,DA1010				
D801 D802	VHDDA1010++-1	AB			Silicon,DA1010 Silicon,DA1010				
D803	VHDDA1010++-1	AB			Silicon,DA1010				
D805	VHDDA1010++-1	AB			Silicon,DA1010				
D807	VHDDA1010++-1	AB			Silicon,DA1010				
D808 LED701	VHDDA1010++-1 VHPSLR343VC3F	AB AC			Silicon,DA1010 LED,Red				
ZD800	RH-EXA718WJQZ	AB			Zener				
ZD801	RH-EXA701WJQZ	AB			Zener,6.8V				
ZD802	RH-EXA723WJQZ	AB			Zener,18V				
ZD803	RH-EXA701WJQZ	AB			Zener,6.8V				
ZD804 ZD806	RH-EXA701WJQZ RH-EXA680WJQZ	AB AB			Zener, 6.8V Zener, 2.4V				
[4] COILS									
FB300	RF i LN5044NCPZ	AB		ı	Ferrite Bead				
FB400	RBLN-0061TAZZ	AB			Chip Ferrite Core				
FB402	RBLN-0061TAZZ	AB			Chip Ferrite Core				
FB404	RBLN-0061TAZZ	AB			Chip Ferrite Core				
FB405 FB502	RBLN-0061TAZZ RBLN-0077TAZZ	AB AB			Chip Ferrite Core Chip Ferrite Core				
FB550	RBLN-0077TAZZ	AB			Chip Ferrite Core				
FB570	RBLN-0077TAZZ	AB			Chip Ferrite Core				
FB571	RBLN-0077TAZZ	AB			Chip Ferrite Core				
FB801 FB802	RBLN-0077TAZZ RBLN-0077TAZZ	AB AB			Chip Ferrite Core Chip Ferrite Core				
1 0002	DLI JOTTIALL	7.0							

NO. PARTS CODE PRICE NEW PART					XL-HF201P
1 VPRNN1 00 K00 00	NO.	PARTS CODE			DESCRIPTION
LPD1 RCIL_CDS3AWCZ	[4] COILS	6			
L 90	L1				
1933 RCI LANG BANKEZ Col. 190H					
1994 NC LARS BANZ Cont. 19H			AII		
L 90		RCiLZA089AWZZ			
RF1 RCORF AD 26 AWYZ					
R9 RF LNA			۸G		
R121 RF 1 LN 023 AF ZZ					
R123 RBI.N -0014 AZZ AB					
H3.50 HBI.N*-0611A2Z					
R4128 RBLN-00611AZZ AB					
R81P 06 R81P 06 R81P Chip Ferris Core					
S CRYSTALS / VIBRATORS					
X1 RCRSP 00 20 AWZ 2	[5] CRYS	TALS / VIBRATORS			
X2 RGR\$PA033AWZZ AD			۸۵		Crustal 16 03 MHz
X301 RCRSPA030AWZZ					
C1		RCRSPA030AWZZ			Crystal, 13.50 MHz
C1 VCKYCY1HB123K AA 1019F30V C2 VCKYCZ1EF104Z AA 0.019F30V C3 VCKYCZ1EF104Z AA 0.019F30V C4 VCKYCY1EF104Z AA 0.019F30V C12 VCKYCY1EF104Z AA 0.019F30V C12 VCKYCY1EF104Z AA 0.019F30V C13 VCKYCY1EF104Z AA 0.019F30V C13 VCKYCY1EF104Z AA 0.019F30V C13 VCKYCY1EF104Z AA 0.019F30V C14 VCEAZATAW107M AB 1009F10V.Beerohyte C15 VCKYCY1EF104Z AA 0.019F30V C15 VCKYCY1EF104Z AA 0.019F30V C16 VCKYCY1EF104Z AA 0.039JF10V C17 VCKYCY1EF104Z AA 0.039JF10V C18 VCKYCY1EF104Z AA 0.039JF10V C19 VCKYCY1EF30X AB 0.039JF10V C19 VCKYCY1EF30X AB 0.039JF10V C19 VCKYCY1EF30X AB 0.039JF10V C19 VCKYCY1EF30X AB 0.039JF10V C20 VCKYCZ1B104X AB 0.019F30V C21 VCKYCZ1HB081K AB 0.09F30V C22 VCKYCZ1B104X AB 0.019F30V C23 VCKYCZ1B104X AB 0.019F30V C24 VCKYCZ1B104X AB 0.09F30V C25 VCKYCY1EF33X AB 0.009JF30V C25 VCKYCY1EF33X AB 0.009JF30V C26 VCKYCY1EF33X AB 0.009JF30V C27 VCKYCY1EF33X AB 0.009JF30V C28 VCKYCY1EF33X AB 0.009JF30V C29 VCKYCY1EF33X AB 0.009JF30V	X601	RCRSPA014AWZZ	ΑE		Crystal, 32.768 KHz
C 2 VCKYCZ1HB152K AA 1500 pF.50V C3 VCKYCZ1FF104Z AA 0.1 pF.52V C12 VCKYCY1FF104Z AA 0.1 pF.52V C12 VCKYCY1FF104Z AA 0.1 pF.52V C12 VCKYCY1FF104Z AA 0.1 pF.52V C13 VCKYCY1FF104Z AA 0.3 pF.16V C13 VCKYCY1CF334Z AA 0.33 pF.16V C14 VCFAZA1AW107M AB 100 pF.10V Electrolytic C15 VCKYCY1FF104Z AA 0.33 pF.16V C16 VCKYCY1FF104Z AA 0.1 pF.50V C17 VCKYCZ1FB104Z AA 0.33 pF.16V C17 VCKYCZ1FB104Z AA 0.1 pF.50V C18 VCKYCY1CF334Z AA 0.33 pF.16V C19 VCKYCY1CF334Z AA 0.33 pF.16V C19 VCKYCY1CF334Z AA 0.33 pF.16V C20 VCKYCY1CF334Z AA 0.33 pF.16V C21 VCKYCZ1AB104K AB 0.1 pF.50V C22 VCKYCZ1AB104K AB 0.1 pF.50V C23 VCKYCZ1AB104K AB 0.1 pF.50V C24 VCKYCZ1AB104K AB 0.1 pF.50V C25 VCKYCY1CF334Z AA 0.33 pF.16V C26 VCKYCY1CF334Z AA 0.30 pF.50V C27 VCKYCZ1AB104K AB 0.1 pF.50V C28 VCKYCY1CF334Z AA 0.30 pF.50V C29 VCKYCZ1AB104K AB 0.1 pF.50V C21 VCKYCZ1AB104K AB 0.1 pF.50V C22 VCKYCZ1AB104K AB 0.1 pF.50V C23 VCKYCZ1AB104K AB 0.0 pF.50V C24 VCKYCZ1AB104K AB 0.0 pF.50V C25 VCKYCY1CF334Z AA 0.33 pF.16V C26 VCKYCY1CF334Z AA 0.33 pF.16V C27 VCKYCZ1AB104K AB 0.0 pF.50V C28 VCKYCY1CF334Z AA 0.33 pF.16V C29 VCKYCY1CF34A AB 0.0 pF.50V C21 VCKYCZ1AB104K AB 0.0 pF.50V C22 VCKYCZ1AB104K AB 0.0 pF.50V C23 VCKYCZ1AB104K AB 0.0 pF.50V C24 VCKYCZ1AB104K AB 0.0 pF.50V C25 VCKYCY1CF34A AB 0.0 pF.50V C26 VCKYCY1CF34A AB 0.0 pF.50V C27 VCKYCZ1AB104K AB 0.1 pF.50V C28 VCKYCZ1AB104K AB 0.1 pF.50V C29 VCKYCZ1AB104K AB 0.1 pF.50V C29 VCKYCZ1AB104K AB 0.1 pF.50V C20 VCKZZACHOW AB AB 0.1 pF.50V C20 VCKZZACHOW AB AB 0.1 pF.50V C21 VCKYCZ1AB104K AB 0.1 pF.50V C22 VCKYCZ1AB104K AB 0.1 pF.50V C23 VCKYCZ1AB104K AB 0.1 pF.50V C24 VCKYCZ1AB104K AB 0.1 pF.50V C25 VCKYCZ1AB104K AB 0.1 pF.50V C26 VCKZACHOW AB AB 0.1 pF.50V C27 VCKYCZ1AB104K AB 0.1 pF.50V C28 VCKYCZ1AB104K AB 0.1 pF.50V C29 VCKZACHOW AB AB 0.1 pF.50V C29 VCKZACHOW AB AB 0.1 pF.50V C29 VCKZACHOW AB AB 0.1 pF.50V C20 VCKZACHOW AB AB 0.1 pF.50V C20 VCKZACHOW AB AB 0.1 pF.50V C21 VCKZCACHOW AB AB 0.1 pF.50V C22 VCKYCZ1AB104K AB 0.1 pF.50V C23 VCKYCZ1AB104	[6] CAPA				
C3 VCKVCZ1EF104Z AA 0.1 pF28V C4 VCKVCY1EF104Z AA 0.1 pF28V C5 VCKVCZ1EF104Z AA 0.1 pF28V C1 VCKVCY1EF104Z AA 0.1 pF28V C1 VCKVCZ1EF104Z AA 0.2 pF28V C2 VCKVCZ1EF104Z AA 0.2 pF28V C2 VCKVCZ1EF104Z AA 0.2 pF28V C2 VCKVCZ1EF104Z AB 0.3 pF18V C2 VCKVCZ1EF104Z AB 0.4 pF18VEECHONJIC C2 VCKVCZ1EF104Z AB 0.4 pF18VEECHONJIC C3 VCKVCZ1EF104Z AB 0.4 pF18VEECHONJIC C4 VCKVCZ1EF104Z AB 0.4 pF18VEECHONJIC C5 VCKVCZ1EF104Z AB 0.4 pF18VEECHONJIC C6 VCKVCZ1EF104Z AB 0.4 pF18VEECHONJIC C					
C5 VCKYCY1EF104Z AA 0.1 JF.25V C12 VCKYCY1EF104Z AA 0.1 JF.25V C13 VCKYCY1EF104Z AA 0.1 JF.25V C13 VCKYCY1EF104Z AA 0.03 JF.16V C13 VCKYCY1EF334M AA 0.03 JF.16V C15 VCKYCY1EF104Z AA 0.03 JF.16V C15 VCKYCY1EF104Z AA 0.03 JF.16V C16 VCKYCZ1EB334K AB 0.15 JF.16V C17 VCKYCZ1EB332K AA 0.02 JF.16V C17 VCKYCZ1EB332K AA 0.03 JF.16V C18 VCKYCY1EF104Z AA 0.03 JF.16V C19 VCKYCY1EB332K AA 0.03 JF.16V C29 VCKYCY1EB334K AB 0.022 JF.16V C29 VCKYCY1EB334K AB 0.022 JF.16V C21 VCKYCZ1EB334K AB 0.022 JF.16V C22 VCKYCY1EB34X AB 0.03 JF.16V C22 VCKYCZ1EB23K AB 0.002 JF.16V C22 VCKYCZ1EB23K AB 0.002 JF.16V C23 VCKYCZ1EB23K AB 0.002 JF.16V C24 VCKYCZ1EB23K AB 0.002 JF.16V C25 VCKYCY1EB334K AB 0.002 JF.16V C25 VCKYCY1EB334K AB 0.002 JF.16V C25 VCKYCY1EB334K AB 0.002 JF.16V C26 VCKYCY1EB334K AB 0.002 JF.16V C27 VCKYCZ1EB102K AB 1000 JF.10V C28 VCKYCY1EB334K AB 0.002 JF.16V C29 VCKYCY1EB334K AB 0.002 JF.16V C29 VCKYCY1EB334K AB 0.002 JF.16V C29 VCKYCY1EB334K AB 0.002 JF.16V C30 VCKYCZ1AB104K AB 0.03 JF.16V C31 VCEAZATCW476M AB 47 JF.16V Electroylic C32 VCKYCZ1AB104K AB 0.00 JF.16V Electroylic C33 VCEAZATCW476M AB 47 JF.16V Electroylic C33 VCEAZATCW476M AB 0.1 JF.16V Electroylic C34 VCKYCZ1AB104K AB 0.1 JF.16V Electroylic C35 VCKYCY1EB104Z AA 0.1 JF.25V C36 VCKYCZ1AB104K AB 0.1 JF.16V Electroylic C37 VCKYCZ1AB104K AB 0.1 JF.16V Electroylic C38 VCKYCZ1AB104K AB 0.1 JF.16V Electroylic C39 VCKYCZ1AB104K AB 0.1 JF.25V C39 VCKYCZ1AB104K AB 0.1 JF					
C5 VCKYCY1EB164K AB 0.15 µF3EV C14 VCKYCY1EF334Z AA 0.33 µF1EV C14 VCEAZATAW107M AB 100 µF10V.Bleetrolytic C15 VCKYCY1EF334Z AA 0.33 µF1EV C16 VCKYCY1EF334Z AA 0.33 µF1EV C17 VCKYCZFB32K AB 0.10 µF3EV C17 VCKYCZFB32K AB 0.10 µF3EV C18 VCKYCY1EF334Z AA 0.33 µF1EV C18 VCKYCY1EF334Z AA 0.33 µF1EV C19 VCKYCY1EF334Z AA 0.33 µF1EV C19 VCKYCY1EF334Z AA 0.33 µF1EV C20 VCKYCY1EF334Z AA 0.33 µF1EV C21 VCKYCZFB8104K AB 0.1 µF1EV C22 VCKYCZFB8104K AB 0.1 µF1EV C22 VCKYCZFB8104K AB 0.1 µF1EV C23 VCKYCZFB8104K AB 0.0 0.02 µF1EV C24 VCKYCZFB8104K AB 0.0 0.02 µF1EV C25 VCKYCY1EB23K AB 0.0 0.02 µF1EV C26 VCKYCY1EB23K AB 0.0 0.02 µF1EV C27 VCKYCZFB8104K AB 0.0 0.00 µF1EV C28 VCKYCY1EB23K AB 0.0 0.00 µF1EV C29 VCKYCY1EB23K AB 0.00 µF1EV C29 VCKYCY1EB3 µF1EV C29 VCKYCY1EF3 µF1EV C29					
C12					
C 13 V OKYCY 1 CF 33 4 Z A A D 0.33 µF.16V C 14 V OKEAZ A 1 AV 10 77M AB B 100 µF.16V Clearbytic C 15 V OKYCY 1 EF 1 0.4 Z A A D 1. µF.26V C 16 V OKYCY 1 EF 1 0.4 Z A A D 1. µF.26V C 17 V OKYCY 1 EF 1 0.4 Z A A D 1. µF.26V C 18 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.26V C 19 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.26V C 19 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 20 V OKYCY 1 CF 3.3 4 Z A B D 1. µF.10V C 21 V OKYCY 1 CF 3.3 4 Z A B D 1. µF.10V C 22 V OKYCY 1 CF 3.3 4 Z A B D 1. µF.10V C 22 V OKYCY 2 CF 3.2 3 K AB D 0. 0.22 µF.16V C 23 V OKYCY 2 CF 3.2 3 K AB D 0. 0.22 µF.16V C 25 V OKYCY 1 CF 3.2 3 K AB D 0. 0.22 µF.16V C 26 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 27 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 28 V OKYCY 2 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 28 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 28 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.10V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.20V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.20V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.20V C 29 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.20V C 20 V OKYCY 1 CF 3.3 4 Z A A D 1. µF.20V C 20 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.3 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.3 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.3 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.4 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.5 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.6 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.6 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.6 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.6 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.6 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.6 V OKYCY 1 CF 1.0 4 Z A A D 1. µF.20V C 3.6 V OKYCY 1 CF 1.0 4 Z A A D 1.		VCKYCY1CB154K			0.15 μF,16V
C 18 V CKYCY 1 EF 10 4 Z AA 0.1 µF,28V C 16 V CKYCY 1 CB 2 2 3 K AB 0.002 µF,16V C 18 V CKYCY 1 CF 33 4 Z AA 3500 pF,50V C 18 V CKYCY 1 CF 33 4 Z AA 0.33 µF,16V C 19 V CKYCY 1 B 3 3 Z K AB 4 A 7 µF,28V C 21 V CKYCY 1 B 10 R K AB 4 A 7 µF,28V C 22 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 22 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 22 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 24 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 25 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 26 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 27 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 28 V CKYCY 1 CB 2 3 K AB 0.002 µF,16V C 28 V CKYCY 1 CB 2 B X AB 0.002 µF,16V C 27 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 28 V CKYCY 1 CB 2 B X AB 0.002 µF,16V C 27 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 28 V CKYCY 1 CB 2 B X AB 0.002 µF,16V C 27 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 28 V CKYCY 1 CB 2 B X AB 0.002 µF,16V C 28 V CKYCY 1 CB 3 A Z A A 0.33 µF,16V C 28 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 28 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 28 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 28 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 28 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 29 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 31 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 32 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 33 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 33 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 33 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 34 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 35 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 36 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 37 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 38 V CKYCY 1 B 10 R K AB 0.002 µF,16V C 39 V CKCCC 1 H 1 B 2 0.00 AB 0.002 µF,16V C 39 V CKCCC 2 H H 1 B 2 0.00 AB 0.002 µF,16V C 39 V CKCCC 1 H 1 B 2 0.00 AB 0.002 µF,16V C 30 V CKYCY 1 B 1 0 R K AB 0.002 µF,16V C 30 V CKYCY 1 B 1 0 R K AB 0.002 µF,16V C 30 V CKYCY 1 B 1 0 R K AB 0.002 µF,16V C 30 V CKYCY 1 B 1 0 R K AB 0.002 µF,16V C 30 V CKYCY 1 B 1 0 R K AB 0.002 µF,16V C 30 V CKYCY 1 B 1 0 R K AB 0.002 µF,16V C 30 V CKYCY 1 B 1 0 R K AB 0.002 µF,16V C 30 V CKYCY 1 B 1 0 R K AB 0.002 µF,16V C 30 V CKYCY 1 B 1 0 R K AB 0.002 µF,16V C 30 V CKYCY 1 B 1 0					
C 16 VCKYC21 HB 32 PK AA 3030 PF,50V C 17 VCKYC21 HB 32 PK AA 0.33 pF,50V C 18 VCKYCY CF 3.3 42 AA 0.33 pF,16V C 28 VCKYC21 AB 10 4K AB 0.1 pF,10V C 22 VCKYC21 CB 12 AK AB 0.1 pF,10V C 22 VCKYC21 CB 12 AK AB 0.1 pF,10V C 24 VCKYC21 BB 10 4K AB 0.1 pF,10V C 25 VCKYC21 BB 10 4K AB 0.1 pF,10V C 26 VCKYC21 BB 10 4K AB 0.1 pF,10V C 27 VCKYC21 BB 10 2K AB 0.002 pF,16V C 28 VCKYC21 AB 10 4K AB 0.002 pF,16V C 29 VCKYC21 AB 10 4K AB 0.002 pF,16V C 26 VCKYC21 BB 10 2K AB 1000 pF,50V C 26 VCKYC21 BB 10 2K AB 1000 pF,50V C 27 VCKYC21 BB 10 2K AB 1000 pF,50V C 28 VCKYC21 BB 10 2K AB 1000 pF,50V C 27 VCKYC21 BB 10 2K AB 1000 pF,50V C 28 VCKYC21 BB 10 2K AB 1000 pF,50V C 29 VCKYC21 BB 10 2K AB 1000 pF,50V C 27 VCKYC21 BB 10 2K AB 1000 pF,50V C 28 VCKYC21 BB 10 2K AB 1000 pF,50V C 29 VCKYC21 B					
C17 VCKYCZ1HB332K AA 0.330 pF.50V C19 VCKYCYC1B34Z AA 0.339 pf.16V C21 VCKYCYC1B4175K AB 4.7 pf.25V C22 VCKYCZ1HB651K AB 6.0.1 pf.10V C21 VCKYCZ1HB651K AB 6.0.1 pf.10V C22 VCKYCZ1HB651K AB 6.00 pf.50V C23 VCKYCZ1HB651K AB 6.00 pf.50V C24 VCKYCZ1HB6104K AB 6.00 pf.50V C25 VCKYCYCHB102K AB 100 pf.50V C26 VCKYCYCHB102K AB 1000 pf.50V C27 VCKYCZ1HB102K AB 1000 pf.50V C28 VCKYCYCHB102K AB 1000 pf.50V C29 VCKYCYCHB102K AB 1000 pf.50V C20 VCKYCYCHB102K AB 1000 pf.50V C21 VCKYCZ1HB102K AB 1000 pf.50V C22 VCKYCYCHB102K AB 1000 pf.50V C22 VCKYCYCHB102K AB 100 pf.50V C23 VCKYCZ1HB102K AB 100 pf.50V C23 VCKYCZ1HB102K AB 100 pf.50V C33 VCKYCZ1HB104K AB 100 pf.50V C33 VCKYCZ1HB104K AB 101 pf.10V Electrolytic C34 VCKYCYCHB104K AB 101 pf.10V Electrolytic C35 VCKYCYCHB104K AB 101 pf.10V Electrolytic C36 VCKYCYCHF104Z AA 101 pf.50V Electrolytic C37 VCKYCZ1HB330J AB 33 pf.50V C38 VCKYCYCHF104Z AA 101 pf.25V C39 VCCCCZ1HH330J AB 33 pf.50V C40 VCCCCZ1HH330J AB 33 pf.50V C40 VCCCCZ1HH330J AB 33 pf.50V C41 VCCCCZ1HH330J AB 33 pf.50V C44 VCKYCYCHF104Z AA 11 pf.50V Electrolytic C41 VCCCCZ1HH330J AB 33 pf.50V C44 VCCCCZ1HH330J AB 33 pf.50V C45 VCCCCZ1HH330J AB 33 pf.50V C46 VCKYCYCHF104Z AA 11 pf.50V Electrolytic C41 VCCCCZ1HH330J AB 33 pf.50V C44 VCCCCZ1HH330J AB 33 pf.50V C45 VCCCCZ1HH330J AB 33 pf.50V C46 VCKYCYCHF104Z AA 0.1 pf.25V C47 VCKYCYCHF104Z AA 0.1 pf.25V C48 VCCCCZ1HH330J AB 33 pf.50V C49 VCCCCZ1HH330J AB 33 pf.50V C49 VCCCCZ1HH330J AB 33 pf.50V C40 VCCCCZ1HH330J AB 33 pf.50V C40 VCCCCZ1H330J AB 33 pf.50V C40 VCCCCZ1H300 AA 0.1 pf.25V C40 VCKYCZ1AB104K AB 0.1 pf.10V					
C 29 VCKYCZ1B104K AB 0.1 µF.10V C 21 VCKYCZ1B104K AB 680.0 F.50V C 22 VCKYCZ1B104K AB 680.0 F.50V C 22 VCKYCZ1B104K AB 680.0 F.50V C 22 VCKYCZ1B104K AB 0.002 µF.16V C 23 VCKYCZ1B104K AB 0.002 µF.16V C 24 VCKYCZ1B102K AB 0.002 µF.16V C 25 VCKYCY1CB123K AB 0.002 µF.16V C 26 VCKYCY1CB123K AB 0.002 µF.16V C 27 VCKYCZ1CB123K AB 0.002 µF.16V C 28 VCKYCY1CB123K AB 0.002 µF.16V C 29 VCKYCY1CB123K AB 0.002 µF.16V C 29 VCKYCY1CB123K AB 0.002 µF.16V C 20 VCKYCY1CB134Z AB 0.002 µF.16V C 20 VCEAZA1CW176M AB 170 µF.16V.Electrolytic C 20 VCEAZA1CW176M AB 0.1 µF.10V C 21 VCEAZA1CW176M AB 0.1 µF.10V C 23 VCKYCZ1AB104K AB 0.1 µF.10V C 23 VCKYCY1EF104Z AA 0.1 µF.26V C 25 VCKYCY1EF104Z AA 0.1 µF.26V C 26 VCKCZ1HH330J AB 33.9F.50V C 26 VCKCZ1HH330J AB 33.9F.50V C 27 VCKZA1HB30J AB 33.9F.50V C 24 VCCCZ1HH330J AB 33.9F.50V C 24 VCCCZ1HH330J AB 33.9F.50V C 24 VCKYCY1EF104Z AA 0.1 µF.26V C 24 VCKYCY1EF104Z AA 0.1 µF.26V C 24 VCKYCY1EF104Z AA 0.1 µF.26V C 25 VCKYCY1EF104Z AA 0.1 µF.26V C 26 VCKYCY1EF104Z AA 0.1 µF.26V C 27 VCKYCY1EF104Z AA 0.1 µF.26V C 28 VCKYCY1EF104Z AA 0.1 µF.26V C 29 VCCCZ1HH30J AB 33.9F.50V C 24 VCKYCZ1AB104K AB 0.1 µF.10V C 24 VCKYCZ1AB104K AB 0.1 µF.26V C 24 VCKYCZ1AB104K AB 0.1 µF.26V C 25 VCKYCY1EF104Z AA 0.1 µF.26V C 26 VCKYCZ1AB104K AB 0.1 µF.26V C 27 VCKYCZ1AB104K AB 0.1 µF.10V C 28 VCKYCZ1					
C20 VCKYCZ1B804K AB 680P,50V C21 VCKYCZ1CB23K AB 00.022 µF,16V C22 VCKYCZ1CB23K AB 00.022 µF,16V C23 VCKYCZ1CB23K AB 00.022 µF,16V C24 VCKYCZ1CB23K AB 00.022 µF,16V C25 VCKYCZ1CB23K AB 1000 pF,50V C26 VCKYCZ1CB23K AB 1000 pF,50V C27 VCKYCZ1CB23K AB 1000 pF,50V C28 VCKYCZ1CB23K AB 1000 pF,50V C29 VCKYCZ1CB33K AB 1000 pF,50V C20 VCKYCZ1CB33K AB 1000 pF,50V C21 VCKYCZ1CB33K AB 1000 pF,50V C22 VCKYCZ1CB33K AB 1000 pF,50V C22 VCKYCZ1CB33K AB 1000 pF,50V C23 VCKYCZ1CB33K AB 1000 pF,50V C24 VCKYCZ1CB3 AB 100 pF,50V C25 VCKYCZ1CB3 AB 100 pF,50V C26 VCKZALCW476M AB 4P pF,16V,Electrolytic C31 VCKAZALCW476M AB 100 pF,50V Electrolytic C32 VCKYCZ1CB104K AB 100 pF,50V Electrolytic C32 VCKYCZ1CB104K AB 100 pF,50V Electrolytic C33 VCKYCZ1CB104K AB 100 pF,50V Electrolytic C34 VCKYCZ1CB104K AB 100 pF,50V Electrolytic C35 VCKYCZ1CB104K AB 100 pF,50V Electrolytic C36 VCKYCY1EF104Z AA 101 pF,50V Electrolytic C37 VCKYCZ1CB104K AB 101 pF,50V Electrolytic C39 VCCCCZ1HH330J AB 33 pF,50V C40 VCCCCZ1HH330J AB 33 pF,50V C41 VCECCZ1HH330J AB 33 pF,50V C41 VCCCCZ1HH330J AB 33 pF,50V C42 VCCCCZ1HH30J AA 12 pF,50V C43 VCCCCZ1HH30J AA 12 pF,50V C44 VCCCCZ1HH30J AA 12 pF,50V C45 VCKYCY1EF104Z AA 11 pF,50V Electrolytic C46 VCKYCZ1RB104K AB 101 pF,50V Electrolytic C47 VCKYCY1EF104Z AA 11 pF,50V Electrolytic C48 VCKYCY1EF104Z AA 11 pF,50V Electrolytic C49 VCCCCZ1HH30J AA 12 pF,50V C40 VCCCCZ1HH30J AB 13 pF,50V C50 VCKYCY1EF104Z AA 11 pF,50V Electrolytic C40 VCKYCZ1RB104K AB 101 pF,50V Electrolytic C51 VCKYCY1EF104Z AA 11 pF,50V Electrolytic C52 VCKYCY1EF104Z AA 11 pF,50V Electrolytic C53 VCKYCY1EF104Z AA 11 pF,50V Electrolytic C54 VCKYCZ1RB104K AB 101 pF,50V Electrolytic C55 VCKYCY1EF104Z AA 11 pF,50V Electrolytic C56 VCKYCZ1RB104K AB 101 pF,50V Electrolytic C57 VCKYCZ1RB104K AB 11 pF,50V Electrolytic C68 VCKYCZ1RB104K AB 11 pF,50V Electrolytic C69 VCKYCZ1RB104K AB 11 pF,50V Electrolytic C77 VCKYCZ1RB104K AB 101 pF,50V Electrolytic C77 VCKYCZ1RB104K AB 101 pF,50V Electrolytic					
C21 VCKYCZ1HB681K AB 0.022 µF,16V C22 VCKYCZ1AB104K AB 0.01 µF,16V C24 VCKYCZ1AB104K AB 0.01 µF,16V C24 VCKYCZ1AB104K AB 0.01 µF,16V C25 VCKYCY1CB323K AB 0.082 µF,16V C26 VCKYCY1CB323K AB 0.082 µF,16V C27 VCKYCZ1HB102K AB 1000 µF,50V C28 VCKYCZ1HB102K AB 1000 µF,50V C29 VCKYCZ1HB102K AB 1000 µF,60V C29 VCKYCZ1HB102K AB 1000 µF,60V C29 VCKYCZ1HB102K AB 1000 µF,60V C31 VCKYCZ1AB104K AB 100 µF,16V,Electrolytic C31 VCKYCZ1AB104K AB 0.1 µF,16V,Electrolytic C31 VCKYCZ1AB104K AB 0.1 µF,16V,Electrolytic C32 VCKYCZ1AB104K AB 0.1 µF,16V,Electrolytic C32 VCKYCZ1AB104K AB 0.1 µF,16V,Electrolytic C33 VCKYCZ1AB104K AB 0.1 µF,16V,Electrolytic C34 VCKYCY1EF104Z AA 0.1 µF,26V Electrolytic C35 VCKYCY1EF104Z AA 0.1 µF,26V CAC CAC CAC CAC CAC CAC CAC CAC CAC CA					
C22 VCKYCZ1CB104K AB 0.1pf.10V C24 VCKYCZ1HB102K AB 0.1pf.10V C25 VCKYCY1CB23K AB 0.092 pf.16V C26 VCKYCY1CB23K AB 0.092 pf.16V C27 VCKYCZ1HB102K AB 0.092 pf.16V C27 VCKYCZ1HB102K AB 0.092 pf.16V C28 VCKCZ1CHB102K AB 1.000 pf.50V C28 VCKZATACW476M AB 1.000 pf.50V C28 VCEAZATCW476M AB 47 pf.16V.Electrolytic C30 VCKYCZ1AB104K AB 0.1pf.10V.Electrolytic C30 VCKYCZ1AB104K AB 0.1pf.10V.Electrolytic C31 VCKYCZ1AB104K AB 0.1pf.10V.Electrolytic C32 VCKYCZ1AB104K AB 0.1pf.10V.Electrolytic C33 VCEAZATCW476M AB 47 pf.16V.Electrolytic C34 VCKYCZ1AB104K AB 0.1pf.10V.Electrolytic C35 VCKYCY1EF104Z AA 1.0pf.10V.Electrolytic C36 VCKYCY1EF104Z AA 0.1pf.28V C36 VCKYCY1EF104Z AA 0.1pf.28V C37 VCKYCZ1H3330J AB 33 pf.50V C40 VCCCCZ1H3330J AB 33 pf.50V C40 VCCCCZ1H330J AB 33 pf.50V C41 VCCCCZ1H120 AA 1.2pf.50V C42 VCCCCZ1H120 AA 1.2pf.50V C43 VCCCCZ1H120 AA 1.2pf.50V C44 VCCCCZ1H120 AA 1.2pf.50V C45 VCCCZ1H120 AA 1.2pf.50V C46 VCCCCZ1H120 AA 1.2pf.50V C47 VCCCZ2H1120 AA 1.2pf.50V C48 VCCCCZ1H120 AA 1.2pf.50V C49 VCCCCZ1H120 AA 1.2pf.50V C40 VCCCCZ1H120 AA 1.2pf.50V C41 VCCCCZ1H120 AA 1.2pf.50V C42 VCCCCZ1H120 AA 1.2pf.50V C43 VCCCCZ1H120 AA 1.2pf.50V C44 VCCCCZ1H120 AA 1.2pf.50V C45 VCEAZATWY26M AC 1.2pf.50V C46 VCKCCZ1H120 AA 1.2pf.50V C47 VCCCZ1H120 AA 1.2pf.50V C48 VCKCZ1H120 AA 1.2pf.50V C49 VCCCCZ1H120 AA 1.2pf.50V C40 VCCCCZ1H120 AA 1.2pf.50V C41 VCCCCZ1H120 AA 1.2pf.50V C42 VCCCCZ1H120 AA 1.2pf.50V C43 VCCCCZ1H120 AA 1.2pf.50V C44 VCKCCZ1H120 AA 1.2pf.50V C45 VCKCZ1H120 AA 1.2pf.50V C46 VCKCZ1AH10H106M AB 1.0pf.50V.Electrolytic C47 VCKCZ1AH104 AA 0.1pf.26V C48 VCKCZ1AH104 AA 0.1pf.50V.Electrolytic C48 VCKCZ1AH104 AB 0.1pf.50V.Electrolytic C50 VCKVCY1EF104Z AA 0.1pf.50V.Electrolytic C51 VCKVCY1EF104Z AA 0.1pf.50V.Electrolytic C52 VCKVCY1EF104Z AA 0.1pf.50V.Electrolytic C53 VCKCY1AB104K AB 0.1pf.50V.Electrolytic C54 VCKCZ1AB104K AB 0.1pf.50V.Electrolytic C55 VCKCY1AB104K AB 0.1pf.50V.Electrolytic C66 VCKCZ1AB104K AB 0.1pf.50V.Electrolytic C77 VCKCXAH1W106M AB 0.1pf.50V.Ele					
C 23 V CKYCZ 1 AB 10 4K AB					
C25 VCKYCY1C9823K AB 0.082 µF,16V C26 VCKYCY1C9734Z AA 0.33 µF,16V C27 VCKYCZ1HB102K AB 1000 pF,50V C29 VCEAZA1CW476M AB 47 µF,16V,Electrolytic C30 VCKYCZ1AB104K AB 47 µF,16V,Electrolytic C31 VCEAZA1AW107M AB 100 µF,10V,Electrolytic C32 VCKYCZ1AB104K AB 100 µF,10V,Electrolytic C33 VCEAZA1AW167M AB 100 µF,10V,Electrolytic C34 VCKYCZ1AB104K AB 47 µF,16V,Electrolytic C33 VCEAZA1CW476M AB 47 µF,16V,Electrolytic C34 VCKYCY1EF104Z AA 0.1 µF,28V C35 VCKYCY1EF104Z AA 0.1 µF,28V C36 VCKYCY1EF104Z AA 0.1 µF,28V C39 VCCCC21HH330J AB 33 pF,50V C41 VCCCC21HH320J AA 12 µF,50V C42 VCCCC21HH120J AA 12 µF,50V C43 VCCCC21HH3					
C26 VCKYCY1CF334Z AA 0.33 μF;6V C27 VCKYCZ1H810 2K AB 1000 pF;50V C28 VCEAZA1CW47 6M AB 47 μF;16V;Electrolytic C29 VCEAZA1CW47 6M AB 47 μF;16V;Electrolytic C30 VCKYCZ1AB10 4K AB 0.1 μF;10V C32 VCKYCZ1AB10 4K AB 10.1 μF;10V C33 VCKYCZ1AB10 4K AB 0.1 μF;10V C33 VCKYCZ1AB10 4K AB 0.1 μF;28V C34 VCKYCY1EF10 4Z AA 0.1 μF;28V C35 VCKYCY1EF10 4Z AA 0.1 μF;28V C36 VCKYCY1EF10 4Z AA 0.1 μF;28V C39 VCCCCZ1HH33 0J AB 33 pF;50V C40 VCCCCZ1HH33 0J AB 33 pF;50V C41 VCCCCZ1HH32 0J AA 12 pF;50V C43 VCCCCZ1HH12 0J AA 12 pF;50V C43 VCCCCZ1HH12 0J AA 12 pF;50V C44 VCCCCZ1HH12 0J AA 11 pF;50					
C27 VCKYCZ1HB102K AB 1000 pF.50V C28 VCEAZA1CW476M AB 47 μF.16V.Electrolytic C30 VCKYCZ1AB104K AB 47 μF.16V.Electrolytic C31 VCEAZA1AW107M AB 100 μF.10V.Electrolytic C32 VCKYCZ1AB104K AB 100 μF.10V.Electrolytic C33 VCEAZA1CW476M AB 47 μF.16V.Electrolytic C34 VCKYCY1EF104Z AA 0.1 μF.25V C35 VCKYCY1EF104Z AA 0.1 μF.25V C36 VCKYCY1EF104Z AA 0.1 μF.25V C39 VCCCC21HH330J AB 33 pF.50V C40 VCCCC21HH330J AB 33 pF.50V C41 VCEAZA1CW226M AC 22 μF.16V.Electrolytic C42 VCCCC21HH120J AA 12 μF.50V C44 VCEAZA1HW106M AB 10 μF.50V.Electrolytic C44 VCEAZA1HW106M AB 10 μF.50V.Electrolytic C45 VCEAZA1HW106M AB 10 μF.50V.Electrolytic C46					
C28 VCEAZA1CW476M AB 47 µF.16V.Electrolytic C29 VCEAZA1CW476M AB 47 µF.16V.Electrolytic C30 VCKYCZ1AB104K AB 0.1 µF.10V C31 VCEAZA1AW107M AB 100 µF.10V.Electrolytic C32 VCKYCZ1AB104K AB 0.1 µF.10V C33 VCKYCZ1AB104K AB 0.1 µF.26V C34 VCKYCY1EF104Z AA 0.1 µF.26V C35 VCKYCY1EF104Z AA 0.1 µF.26V C36 VCKYCY1EF104Z AA 0.1 µF.26V C36 VCKYCY1EF104Z AA 0.1 µF.26V C39 VCCCC21HH330 J AB 33 pF.50V C40 VCCCC21HH330 J AB 33 pF.50V C41 VCCCC21HH320 J AA 12 pF.50V C42 VCCCC21HH120 J AA 12 pF.50V C43 VCCCC21HH320 J AA 12 pF.50V C43 VCKYCY1EF104Z AA 0.1 µF.26V C43 VCKYCY1EF104Z AA 0.1 µF.26					
C30 VCKYCZ1AB104K AB 0.1 μF;10V C31 VCEXZA1AW107M AB 110 μF;10V C32 VCKYCZ1AB104K AB 0.1 μF;10V C33 VCEXZA1CW476M AB 47 μF;10VElectrolytic C34 VCKYCY1EF104Z AA 0.1 μF2SV C36 VCKYCY1EF104Z AA 0.1 μF2SV C38 VCKYCY1EF104Z AA 0.1 μF2SV C39 VCCCCZ1HH330J AB 33 ρF50V C40 VCCCCZ1HH330J AB 33 ρF50V C41 VCCCCZ1HH120J AA 12 ρF50V C42 VCCCCZ1HH120J AA 12 ρF50V C43 VCCCCZ1HH120J AA 12 ρF50V C44 VCKYCY1EF104Z AA 0.1 μF20V C45 VCEXAZAHW106M AB 10 μF50VElectrolytic C47 VCKYCY1EF104Z AA 0.1 μF30VElectrolytic C49 VCKYCZ1AB104K AB 0.1 μF30VElectrolytic C49 VCKYCZ1AB104K AB 0.1 μF30VElectro	C28	VCEAZA1CW476M	AB		47 μF,16V,Electrolytic
C31 VCEAZATAW107M AB					
C32 VCKYCZ1AB10476M AB 0.1 μF.10V C33 VCKYCY1EF104Z AA 0.1 μF.25V C36 VCKYCY1EF104Z AA 0.1 μF.25V C36 VCKYCY1EF104Z AA 0.1 μF.25V C36 VCKCYC1EF104Z AA 0.1 μF.25V C39 VCCCC21HH330J AB 33 pF.50V C40 VCCCC21HH330J AB 33 pF.50V C41 VCEAZA1CW226M AC 22 μF.16V.Electrolytic C42 VCCCC21HH120J AA 12 pF.50V C43 VCCCC21HH120J AA 12 pF.50V C44 VCKYC1EF104Z AA 0.1 μF.25V C44 VCKYC1EF104Z AA 0.1 μF.25V C45 VCEAZA1HW106M AB 10 μF.50V.Electrolytic C46 VCKYC21AB104K AB 0.1 μF.25V C47 VCKYC21AB104K AB 0.1 μF.50V.Electrolytic C49 VCKYC21AB104K AB 0.1 μF.50V.Electrolytic C52 VCKYCY1EF104Z AA					
C33 VCEAZA1CW476M AB 47 μF,16V,Electrolytic C35 VCKYCY1EF104Z AA 0.1 μF,25V C36 VCKYCY1EF104Z AA 0.1 μF,25V C39 VCCCC21HH330J AB 33 pF,50V C40 VCCCC21HH330J AB 33 pF,50V C41 VCEAZA1CW26M AC 22 μF,16V,Electrolytic C42 VCCCC21HH120J AA 12 pF,50V C43 VCCCC21HH120J AA 12 pF,50V C44 VCKYC1EF104Z AA 0.1 μF,25V C45 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C46 VCKYC21AB104K AB 0.1 μF,25V C47 VCKYC21AB104K AB 0.1 μF,25V C48 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C49 VCKYC21AB104K AB 0.1 μF,25V C49 VCKYC21AB104K AB 0.1 μF,25V C50 VCKYCY1EF104Z AA 0.1 μF,25V C53 VCCCC21HH330J AB 33					
C35 VCKYCY1EF104Z AA 0.1 μF25V C39 VCCCCZ1HH330J AB 33 pF.50V C40 VCCCCZ1HH330J AB 33 pF.50V C41 VCEAZA1CW286M AC 22 μF.16V.Electrolytic C42 VCCCCZ1HH120J AA 12 pF.50V C43 VCCCCZ1HH120J AA 12 pF.50V C44 VCKYCY1EF104Z AA 0.1 μF.50V.Electrolytic C44 VCKYCX1AB104K AB 10 μF.50V.Electrolytic C46 VCKYCX1EF104Z AA 0.1 μF.25V C48 VCEAZA1HW106M AB 10 μF.50V.Electrolytic C48 VCKYCX1EF104Z AA 0.1 μF.25V C48 VCKYCZ1AB104K AB 0.1 μF.25V C48 VCKYCZ1AB104K AB 0.1 μF.25V C50 VCKYCZ1AB104K AB 0.1 μF.25V C52 VCKYCZ1AB104K AB 0.1 μF.25V C53 VCCCCZ1HH330J AB 33 pF.50V C54 VCCCCZ1HB304K AB 0.1	C33	VCEAZA1CW476M	AB		47 μF,16V,Electrolytic
C36 VCKCYCY1EF104Z AA 0.1 μF25V C39 VCCCCZ1HH330J AB 33 pF50V C41 VCECZ2THH330J AB 33 pF50V C41 VCECCZ1HH120J AA 12 pF50V C43 VCCCCZ1HH120J AA 12 pF50V C44 VCKYCY1EF104Z AA 0.1 μF25V C45 VCEAZA1HW106M AB 10 μF.50V.Electrolytic C46 VCKYCY1EF104Z AA 0.1 μF.50V C47 VCKYCY1EF104Z AA 0.1 μF.50V C47 VCKYCY1EF104Z AA 0.1 μF.50V C48 VCKZCY1AB104K AB 0.1 μF.50V C49 VCKYCY1EF104Z AA 0.1 μF.50V C50 VCKYCY1EF104Z AA 0.1 μF.25V C52 VCKYCY1EF104Z AA 0.1 μF.25V C53 VCCCCZ1HH330J AB 33 pF.50V C55 VCKYCY1EF104Z AA 0.1 μF.25V C55 VCKYCZ1AB104K AB 0.1 μF.50V <					
C39 VCCCCZ1HH330					
C 40 VCCCCZ1HH330 J AB 33 pF,50V C 41 VCEAZA1CW226M AC 22 μF,16V,Electrolytic C 42 VCCCCZ1HH120 J AA 12 pF,50V C 44 VCKYCY1EF104Z AA 0.1 μF,25V C 45 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C 46 VCKYCZ1AB104K AB 0.1 μF,10V C 47 VCKYCZ1AB104K AB 10 μF,50V,Electrolytic C 48 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C 49 VCKYCZ1AB104K AB 10 μF,50V,Electrolytic C 49 VCKYCZ1AB104K AB 0.1 μF,50V C 50 VCKYCZ1AB104K AB 0.1 μF,50V,Electrolytic C 52 VCKYCY1EF104Z AA 0.1 μF,50V C 53 VCCCCZ1HH330 J AB 33 pF,50V C 54 VCCCCZ1HH330 J AB 33 pF,50V C 55 VCKYCZ1AB104K AB 0.1 μF,10V C 56 VCKYCZ1AB105K AA 1 μF,10V C 62 VCCCCZ1HH					
C42 VCCCCZ1HH120J AA 12 pF.50V C43 VCCCCZ1HH120J AA 12 pF.50V C44 VCKYCY1EF104Z AA 0.1 μF.50V,Electrolytic C45 VCEAZA1HW106M AB 10 μF.50V,Electrolytic C47 VCKYCY1EF104Z AA 0.1 μF.26V C48 VCEAZA1HW106M AB 10 μF.50V,Electrolytic C49 VCKYCZ1AB104K AB 0.1 μF.26V C49 VCKYCZ1AB104K AB 0.1 μF.25V C50 VCKYCY1EF104Z AA 0.1 μF.25V C52 VCKYCY1EF104Z AA 0.1 μF.25V C53 VCKYCY1EF104Z AA 0.1 μF.25V C53 VCKCCZ1HH330J AB 33 pF.50V C53 VCKCCZ1HH330J AB 33 pF.50V C55 VCKYCZ1AB104K AB 0.1 μF.10V C57 VCKYCZ1AB105K AA 1 μF.10V C63 VCKYCZ1AB104K AB 0.1 μF.26V C63 VCKYCZ1AB104K AB 0.1 μF.26V <th></th> <td>VCCCCZ1HH330J</td> <td>AB</td> <td></td> <td>33 pF,50V</td>		VCCCCZ1HH330J	AB		33 pF,50V
C43 VCCCZ1HH120J AA 12 pF.50V C44 VCKYCY1EF104Z AA 0.1 μF.25V C45 VCEAZATHW106M AB 10 μF.50V,Electrolytic C46 VCKYC21AB104K AB 0.1 μF.10V C47 VCKYCY1EF104Z AA 0.1 μF.50V,Electrolytic C48 VCEAZATHW106M AB 10 μF.50V,Electrolytic C49 VCKYCZ1AB104K AB 0.1 μF.20V C50 VCKYCZ1EF104Z AA 0.1 μF.20V C52 VCKYCY1EF104Z AA 0.1 μF.20V C53 VCCCZ1HH330 J AB 33 pF.50V C54 VCCCZ1HB30 J AB 33 pF.50V C55 VCKYCZ1AB104K AB 0.1 μF.10V C56 VCKYCZ1AB104K AB 0.1 μF.10V C57 VCKYCZ1AB104K AB 0.1 μF.10V C57 VCKYCZ1AB104K AB 0.1 μF.10V C57 VCKYCZ1AB104K AB 0.1 μF.50V C63 VCCCCZ1HH330 J AB 33 pF.50V <th></th> <td></td> <td></td> <td></td> <td></td>					
C44 VCKYCY1EF104Z AA 0.1 μF,2SV C45 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C46 VCKYCZ1AB104K AB 0.1 μF,10V C47 VCKYCZ1F104Z AA 0.1 μF,25V C48 VCEAZA1HW106M AB 11 μF,25V C49 VCKYCZ1AB104K AB 0.1 μF,10V C50 VCKYCY1EF104Z AA 0.1 μF,25V C51 VCKYCY1EF104Z AA 0.1 μF,25V C52 VCKYCY1EF104Z AA 0.1 μF,25V C53 VCCCCZ1HH330 J AB 33 pF,50V C54 VCCCCZ1HH330 J AB 33 pF,50V C55 VCKYCZ1AB104K AB 0.1 μF,10V C56 VCKYCZ1AB105K AA 1 μF,10V C56 VCKYCZ1AB104K AB 0.1 μF,10V C62 VCCCCZ1HH330 J AB 33 pF,50V C62 VCCCCZ1HH330 J AB 33 pF,50V C63 VCCVCZ1AB104K AB 0.1 μF,25V					
C45 VCEAZA1HW106M AB 10 μF.50V,Electrolytic C46 VCKYCZ1AB104K AB 0.1 μF.10V C47 VCKYCY1EF104Z AA 0.1 μF.50V C48 VCEAZA1HW106M AB 10 μF.50V,Electrolytic C49 VCKYCZ1AB104K AB 0.1 μF.20V C50 VCKYCY1EF104Z AA 0.1 μF.25V C52 VCKYCY1EF104Z AA 0.1 μF.25V C53 VCCCCZ1HH330 J AB 33 pF.50V C54 VCCCCZ1HH330 J AB 33 pF.50V C55 VCKYCZ1AB104K AB 0.1 μF.10V C56 VCKYCZ1AB105K AA 1 μF.10V C67 VCKYCZ1AB104K AB 0.1 μF.10V C62 VCCCCZ1HH330 J AB 33 pF.50V C63 VCCCZ1HH330 J AB 33 pF.50V C64 VCKYCZ1AB104K AB 0.1 μF.25V C65 VCKYCZ1AB104K AB 0.1 μF.25V C66 VCKYCZ1AB104K AB 0.1 μF.25V					
C47 VCKYCY1EF104Z AA 0.1 μF.25V C48 VCEAZA1HW106M AB 10 μF.50V,Electrolytic C49 VCKYCZ1AB104K AB 0.1 μF.10V C50 VCKYCY1EF104Z AA 0.1 μF.25V C52 VCKYCY1EF104Z AA 0.1 μF.25V C53 VCCCZ1HH330 J AB 33 pF.50V C54 VCCCZ1HH330 J AB 33 pF.50V C55 VCKYCZ1AB104K AB 0.1 μF.10V C57 VCKYCZ1AB104K AB 0.1 μF.10V C62 VCCCCZ1HH330 J AB 33 pF.50V C63 VCCCCZ1HH330 J AB 33 pF.50V C63 VCCCCZ1HH330 J AB 33 pF.50V C64 VCKYCY1EF104Z AA 0.1 μF.25V C64 VCKYCY1EF104Z AA 0.1 μF.25V C66 VCKYCY1EF104Z AA 0.1 μF.25V C66 VCKYCZ1AB104K AB 0.1 μF.25V C67 VCKYCZ1AB104K AB 0.1 μF.50V	C45	VCEAZA1HW106M	AB		10 μF,50V,Electrolytic
C48 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C49 VCKYCZ1AB104K AB 0.1 μF,10V C50 VCKYCY1EF104Z AA 0.1 μF,25V C52 VCKYCY1EF104Z AA 0.1 μF,25V C53 VCCCCZ1HH330J AB 33 pF,50V C54 VCCCCZ1HH330J AB 33 pF,50V C55 VCKYCZ1AB104K AB 0.1 μF,10V C56 VCKYCZ1AB105K AA 1 μF,10V C67 VCKYCZ1AB104K AB 0.1 μF,10V C62 VCCCCZ1HH330J AB 33 pF,50V C63 VCCCCZ1HH330J AB 33 pF,50V C63 VCKYCY1EF104Z AA 0.1 μF,25V C65 VCKYCY1EF104Z AA 0.1 μF,25V C66 VCKYCY1EF104Z AA 0.1 μF,25V C66 VCKYCZ1AB104K AB 0.1 μF,25V C66 VCKYCZ1AB104K AB 0.1 μF,10V C69 VCKYCZ1AB104K AB 0.1 μF,10V					
C49 VCKYCZ1AB104K AB 0.1 μF,10V C50 VCKYCY1EF104Z AA 0.1 μF,25V C52 VCKCCZ1HH330J AB 33 pF,50V C54 VCCCCZ1HH330J AB 33 pF,50V C55 VCKYCZ1AB104K AB 0.1 μF,10V C56 VCKYCZ1AB105K AA 1 μF,10V C57 VCKYCZ1AB104K AB 0.1 μF,10V C57 VCKYCZ1AB104K AB 0.1 μF,10V C62 VCCCCZ1HH330J AB 33 pF,50V C63 VCCCCZ1HH330J AB 33 pF,50V C63 VCCCCZ1HH330J AB 33 pF,50V C64 VCKYCY1EF104Z AA 0.1 μF,25V C65 VCKYCY1EF104Z AA 0.1 μF,25V C66 VCKYCZ1AB104K AB 0.1 μF,10V C67 VCKYCZ1AB104K AB 0.1 μF,25V C69 VCKYCZ1AB104K AB 0.1 μF,25V C69 VCKYCZ1AB104K AB 0.1 μF,10V C71 <th></th> <td></td> <td></td> <td></td> <td></td>					
C50					
C53 VCCCCZ1HH330J AB 33 pF,50V C54 VCCCCZ1HH330J AB 33 pF,50V C55 VCKYCZ1AB104K AB 0.1 μF,10V C56 VCKYCZ1AB105K AA 1 μF,10V C57 VCKYCZ1AB104K AB 0.1 μF,10V C62 VCCCCZ1HH330J AB 33 pF,50V C63 VCCCCZ1HH330J AB 33 pF,50V C63 VCCCZ1AB104Z AA 0.1 μF,25V C64 VCKYCY1EF104Z AA 0.1 μF,25V C65 VCKYCZ1AB104K AB 0.1 μF,10V C67 VCKYCZ1AB104K AB 0.1 μF,25V C68 VCKYCZ1AB104K AB 0.1 μF,25V C69 VCKYCZ1AB104K AB 0.1 μF,25V C70 VCKYCZ1AB104K AB 0.1 μF,25V C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 <th>C50</th> <td>VCKYCY1EF104Z</td> <td>AA</td> <td></td> <td>0.1 μF,25V</td>	C50	VCKYCY1EF104Z	AA		0.1 μF,25V
C54 VCCCCZ1HH330J AB 33 pF,50V C55 VCKYCZ1AB104K AB 0.1 μF,10V C57 VCKYCZ1AB105K AA 1 μF,10V C57 VCKYCZ1AB104K AB 0.1 μF,10V C62 VCCCCZ1HH330J AB 33 pF,50V C63 VCCCCZ1HH330J AB 33 pF,50V C64 VCKYCY1EF104Z AA 0.1 μF,25V C65 VCKYCY1EF104Z AA 0.1 μF,25V C66 VCKYCZ1AB104K AB 0.1 μF,10V C67 VCKYCZ1AB104K AB 0.1 μF,25V C68 VCKYCY1EF104Z AA 1 μF,25V C69 VCKYCZ1AB104K AB 0.1 μF,25V C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75					
C55 VCKYCZ1AB104K AB 0.1 μF,10V C56 VCKYCZ1AB105K AA 1 μF,10V C57 VCKYCZ1AB104K AB 0.1 μF,10V C62 VCCCCZ1HH330 J AB 33 pF,50V C63 VCCCCZ1HH330 J AB 33 pF,50V C64 VCKYCY1EF104Z AA 0.1 μF,25V C65 VCKYCZ1AB104K AB 0.1 μF,25V C66 VCKYCZ1AB105K AA 1 μF,10V C68 VCKYCZ1AB105K AA 1 μF,10V C69 VCKYCY1EF104Z AA 0.1 μF,25V C69 VCKYCZ1AB104K AB 0.1 μF,25V C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1HH330 J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 0.1 μF,50V,Electrolytic					
C56 VCKYCZ1AB105K AA 1 μF,10V C57 VCKYCZ1AB104K AB 0.1 μF,10V C62 VCCCCZ1HH330J AB 33 pF,50V C63 VCCCCZ1HH330J AB 33 pF,50V C64 VCKYCY1EF104Z AA 0.1 μF,25V C65 VCKYCY1EF104Z AA 0.1 μF,25V C66 VCKYCZ1AB104K AB 0.1 μF,10V C67 VCKYCZ1AB105K AA 1 μF,10V C68 VCKYCY1EF104Z AA 0.1 μF,25V C69 VCKYCY1EF104Z AA 0.1 μF,25V C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 0.1 μF,50V,Electrolytic C76 VCKYCZ1AB104K AB 0.1 μF,50V,Electrolytic <					
C57 VCKYCZ1AB104K AB 0.1 μF,10V C62 VCCCCZ1HH330J AB 33 pF,50V C63 VCCCCZ1HH330J AB 33 pF,50V C64 VCKYCY1EF104Z AA 0.1 μF,25V C65 VCKYCY1EF104Z AA 0.1 μF,25V C66 VCKYCZ1AB104K AB 0.1 μF,10V C67 VCKYCZ1AB105K AA 1 μF,10V C68 VCKYCY1EF104Z AA 0.1 μF,25V C69 VCKYCZ1AB104K AB 0.1 μF,25V C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1H1330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 0.1 μF,50V,Electrolytic C76 VCKYCZ1AB104K AB 0.1 μF,50V,Electrolytic					
C63 VCCCCZ1HH330J AB 33 pF,50V C64 VCKYCY1EF104Z AA 0.1 μF,25V C65 VCKYCZ1AB104Z AA 0.1 μF,25V C66 VCKYCZ1AB104K AB 0.1 μF,10V C67 VCKYCZ1AB105K AA 1 μF,10V C68 VCKYCY1EF104Z AA 0.1 μF,25V C69 VCKYCZ1AB104K AB 0.1 μF,25V C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKQZ1AB104K AB 0.1 μF,10V C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic	C57	VCKYCZ1AB104K			0.1 μF,10V
C64 VCKYCY1EF104Z AA 0.1 μF,25V C65 VCKYCY1EF104Z AA 0.1 μF,25V C66 VCKYCZ1AB104K AB 0.1 μF,10V C67 VCKYCZ1AB105K AA 1 μF,10V C68 VCKYCY1EF104Z AA 0.1 μF,25V C69 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1HH330J AB 0.1 μF,10V C73 VCCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKCZ1AB104K AB 0.1 μF,10V C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic					
C65 VCKYCY1EF104Z AA 0.1 μF,25V C66 VCKYCZ1AB104K AB 0.1 μF,10V C67 VCKYCZ1AB105K AA 1 μF,10V C68 VCKYCY1EF104Z AA 0.1 μF,25V C69 VCKYCZ1AB104K AB 0.1 μF,10V C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKYCZ1AB104K AB 0.1 μF,10V C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic					
C66 VCKYCZ1AB104K AB 0.1 μF,10V C67 VCKYCZ1AB105K AA 1 μF,10V C68 VCKYCY1EF104Z AA 0.1 μF,25V C69 VCKYCZ1AB104Z AA 0.1 μF,10V C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKYCZ1AB104K AB 0.1 μF,10V C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic					
C68 VCKYCY1EF104Z AA 0.1 μF,25V C69 VCKYCY1EF104Z AA 0.1 μF,25V C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKQZ1AB104K AB 0.1 μF,10V C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic	C66	VCKYCZ1AB104K	AB		0.1 μF,10V
C69 VCKYCY1EF104Z AA 0.1 μF,25V C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKYCZ1AB104K AB 0.1 μF,10V C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic					
C70 VCKYCZ1AB104K AB 0.1 μF,10V C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKYCZ1AB104K AB 0.1 μF,10V C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic					
C71 VCKYCZ1AB104K AB 0.1 μF,10V C72 VCKYCZ1AB104K AB 0.1 μF,10V C73 VCCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKYCZ1AB104K AB 0.1 μF,10V C76 VCKYCZ1AB104K AB 10 μF,50V,Electrolytic C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic					
C73 VCCCCZ1HH330J AB 33 pF,50V C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKYCZ1AB104K AB 0.1 μF,10V C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic	C71	VCKYCZ1AB104K	AB		0.1 μF,10V
C74 VCKYCZ1AB104K AB 0.1 μF,10V C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKYCZ1AB104K AB 0.1 μF,10V C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic					
C75 VCEAZA1HW106M AB 10 μF,50V,Electrolytic C76 VCKYCZ1AB104K AB 0.1 μF,10V C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic					
C 7 6 V C K Y C Z 1 A B 1 0 4 K A B 0.1 μ F,10 V C 7 7 V C E A Z A 1 H W 1 0 6 M A B 10 μ F,50 V, Electrolytic					
C77 VCEAZA1HW106M AB 10 μF,50V,Electrolytic					
C78 VCKYCY1EF104Z AA 0.1 µF,25V		VCEAZA1HW106M	AB		10 μF,50V,Electrolytic
	C78	VCKYCY1EF104Z	AA		U.1 μr,25V

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[6] CAPAC	CITORS				
C79 C80	VCKYCZ1AB104K VCEAZA1HW106M	AB AB			0.1 μF,10V 10 μF,50V,Electrolytic
C81	VCKYCY1EF104Z	AA			0.1 μF,25V
C82 C83	VCCCCY1HH330J VCCCCY1HH330J	A A A A			33 pF(CH),50V 33 pF(CH),50V
C84	VCCCCY1HH330J	AA			33 pF(CH),50V
C85	VCKYCZ1AB104K	AB			0.1 µF,10V
C86 C87	VCKYCZ1AB104K VCCCCZ1HH100D	AB AA			0.1 μF,10V 10 pF(CH),50V
C88	VCCCCZ1HH100D	AA			10 pF(CH),50V
C89 C91	VCCCCZ1HH330J VCCCCZ1HH470J	AB AB			33 pF,50V 47 pF(CH),50V
C97	VCCCCZ1HH330J	AB			33 pF,50V
C98 C99	VCCCCZ1HH151J VCKYCZ1AB104K	AB AB			150 pF(CH),50V 0.1 µF,10V
C100	VCCCCZ1HH151J	AB			150 pF(CH),50V
C101 C102	VCKYCZ1EB472K VCKYCZ1HB222K	AB AB			4700 pF,25V
C102	VCKYCZ1AB104K	AB			2200 pF,50V 0.1 µF,10V
C104	VCKYCZ1AB104K	AB			0.1 µF,10V
C105 C170	VCEAZA1AW477M VCKYCY1EF104Z	AC AA			470 μF,10V,Electrolytic 0.1 μF,25V
C201	VCKYCY1EF104Z	AA			0.1 μF,25V
C202 C203	VCKYCY1EF104Z VCKYCY1EF104Z	AA			0.1 µF,25V 0.1 µF,25V
C300	VCCCCY1HH181J	AA			180 pF(CH),50V
C301 C302	VCCCCY1HH181J VCKYCZ1HB103K	A A A A			180 pF(CH),50V 0.01 μF,50V
C302	VCKYCY1HB221K	AA			220 pF,50V
C304 C305	VCKYCY1HB221K VCKYCZ1HB103K	A A A A			220 pF,50V 0.01 μF,50V
C305	VCKYCY1EF104Z	AA			0.1 μF,25V
C307	VCKYCZ1AB104K	AB			0.1 µF,10V
C308 C309	VCCCCY1HH102J VCKYCZ1AB104K	A A A B			1000 pF(CH),50V 0.1 μF,10V
C310	VCEAZA1HW106M	AB			10 μF,50V,Electrolytic
C312 C314	VCKYCZ1AB104K VCKYCZ1AB104K	AB AB			0.1 μF,10V 0.1 μF,10V
C315	VCKYCZ1AB104K	AB			0.1 µF,10V
C317 C318	VCCCCZ1HH300J VCEAZA1HW106M	AB AB			30 pF(CH),50V 10 μF,50V,Electrolytic
C318	VCKYCZ1AB104K	AB			0.1 μF,10V
C321	VCKYCZ1AB104K	AB			0.1 µF,10V
C322 C323	VCEAZA1HW106M VCCCCY1HH300J	AB AA			10 μF,50V,Electrolytic 30 pF(CH),50V
C324	VCKYCZ1AB104K	AB			0.1 μF,10V
C325 C326	VCEAZA1HW106M VCKYCZ1AB104K	AB AB			10 μF,50V,Electrolytic 0.1 μF,10V
C327	VCKYCZ1AB104K	AB			0.1 μF,10V
C337 C338	VCCCCZ1HH471J VCCCCZ1HH471J	AA			470 pF,50V 470 pF,50V
C339	VCCCCZ1HH471J	AA			470 pF,50V
C340 C341	VCCCCZ1HH471J VCKYCY1AB224K	A A A B			470 pF,50V 0.22 μF,10V
C342	VCEAZA1HW106M	AB			10 μF,50V,Electrolytic
C343 C344	VCCCCZ1HH471J	A A A A			470 pF,50V
C344 C345	VCCCCZ1HH471J VCCCCY1HH471J	AA			470 pF,50V 470 pF(CH),50V
C346	VCCCCY1HH471J	AA			470 pF(CH),50V
C400 C401	VCCCCY1HH470J VCCCCY1HH471J	AA			47 pF(CH),50V 470 pF(CH),50V
C402	VCEAZA1HW106M	AB			10 μF,50V,Electrolytic
C403 C404	VCKYCY1CB223K VCKYCY1HB103K	AA			0.022 μF,16V 0.01 μF,50V
C405	VCCCCY1HH470J	AA			47 pF(CH),50V
C406 C420	VCCCCY1HH470J VCKYCY1HB561K	AA			47 pF(CH),50V 560 pF,50V
C421	VCKYCY1HB561K	AA			560 pF,50V
C422 C423	VCCCCY1HH471J VCCCCY1HH471J	AA			470 pF(CH),50V 470 pF(CH),50V
C424	VCKYCY1EF104Z	AA			0.1 μF,25V
C425 C426	VCKYCY1EF104Z VCKYCY1EF104Z	A A A A			0.1 μF,25V 0.1 μF,25V
C426	VCKYCY1EF104Z VCKYCY1EF104Z	AA			0.1 µF,25V 0.1 µF,25V
C428	VCCCCY1HH222J	AB			2200 pF(CH),50V
C429 C500	VCKYCY1EF104Z VCKYCY1HB122K	A A A A			0.1 μF,25V 1200 pF,50V
C501	VCKYCY1HB473K	AB			0.047 μF,50V
C502 C503	VCKYCY1HB122K VCCCCY1HH181J	A A A A			1200 pF,50V 180 pF(CH),50V
C504	VCCCCY1HH181J	AA			180 pF(CH),50V
C505	VCKYCY1EF104Z VCCCCZ1HH221J	A A A B			0.1 μF,25V 220 pF,50V
	* 0000 LIIII L L I U	70	l		
C530 C531	VCKYCY1EF104Z	AA			0.1 μF,25V
C530 C531 C532	VCEAZA1HW106M	AB			10 μF,50V,Electrolytic
C530 C531					

NO.	PARTS CODE	PRICE RANK	PART RANK	DESCRIPTION
[6] CAPA	CITORS			
C537 C538	VCKYCZ1HB102K VCEAZA1HW225M	AB AB		1000 pF,50V 2.2 µF,50V,Electrolytic
C539	VCKYCY1EF104Z	AA		0.1 μF,25V
C540 C541	VCCCCZ1HH221J VCCCCZ1HH221J	AB AB		220 pF,50V 220 pF,50V
C542	VCEAZA1HW105M	AB		1 μF,50V,Electrolytic
C543 C544	VCCCCZ1HH221J VCEAZA1HW105M	AB AB		220 pF,50V 1 μF,50V,Electrolytic
C545	VCEAZA1HW105M	AB		1 μF,50V,Electrolytic
C546 C547	VCEAZA1HW105M VCEAZA1HW105M	AB AB		1 μF,50V,Electrolytic 1 μF,50V,Electrolytic
C548	VCEAZA1HW105M	AB		1 μF,50V,Electrolytic
C549 C550	VCKYCY1EF104Z VCKYCY1EF104Z	A A A A		0.1 μF,25V 0.1 μF,25V
C551	VCEAZA1CW107M	AC		100 μF,50V,Electrolytic
C552 C553	VCKYCY1EF104Z VCKYCY1EF104Z	A A A A		0.1 μF,25V 0.1 μF,25V
C554	VCKYCY1EF104Z	AA		0.1 μF,25V
C569 C570	VCKYCZ1EF104Z VCKYCZ1EF104Z	A A A A		0.1 μF,25V 0.1 μF,25V
C571	VCEAZA1HW106M	AB		10 μF,50V,Electrolytic
C572 C573	VCKYCZ1EF104Z VCEAZA1CW336M	A A A B		0.1 μF,25V 33 μF,16V.Electrolytic
C574	VCKYCZ1EF104Z	AA		0.1 μF,25V
C575 C576	VCEAZA1CW107M VCKYTV1EB475K	AC AB		100 μF,50V,Electrolytic 4.7 μF,25V
C577	VCKYTV1EB475K	AB		4.7 μF,25V
C578 C579	VCCCCZ1HH221J VCCCCZ1HH221J	AB AB		220 pF,50V 220 pF,50V
C580	VCKYCZ1AB224K	AA		0.22 μF,10V
C581 C582	VCCCCZ1HH101J VCKYCZ1AB224K	AB AA		100 pF,50V 0.22 μF,10V
C583	VCKYCZ1AB105K	AA		1 μF,10V
C584 C585	VCKYCZ1AB105K VCEAZA1HW106M	A A A B		1 μF,10V 10 μF,50V,Electrolytic
C603	VCKYCZ1EF104Z	AA		0.1 μF,25V
C604 C605	VCCCCZ1HH180J VCCCCZ1HH180J	A A A A		18 pF,50V 18 pF,50V
C609	VCKYCY1EF104Z	AA		0.1 µF,25V
C611 C612	VCKYCZ1HB103K VCKYCZ1HB103K	A A A A		0.01 μF,50V 0.01 μF,50V
C613	VCEAZA0JW108M	AC		1000 μF,6.3V,Electrolytic
C614 C615	VCEAZA1HW475M VCEAZA1HW106M	AB AB		4.7 μF,50V,Electrolytic 10 μF,50V,Electrolytic
C616	VCCCCZ1HH101J	AB		100 pF,50V
C619 C620	VCEAZA1HW106M VCKYCZ1AB104K	AB AB		10 μF,50V,Electrolytic 0.1 μF,10V
C621	VCKYCZ1AB104K	AB		0.1 μF,10V
C622 C649	VCEAZA1AW107M VCCCCZ1HH101J	AB AB		100 µF,10V,Electrolytic 100 pF,50V
C675	VCEAZA1HW106M	AB		10 μF,50V,Electrolytic
C677 C680	VCCCCZ1HH101J VCEAZA1HW106M	AB AB		100 pF,50V 10 μF,50V,Electrolytic
C700	VCKYCY1HB223K	AA		0.022 μF,50V
C701 C702	RC-EZD105AF1H RC-EZD105AF1H	AB AB		1 μF,50V,Electrolytic 1 μF,50V,Electrolytic
C703	VCKYCY1HB223K	AA		0.022 μF,50V
C704 C705	VCKYCY1EB105K VCKYCY1HB103K	A B A A		1 μF,25V 0.01 μF,50V
C706	VCKYCY1HB102K	AA		1000 pF,50V
C707 C708	VCKYCY1HB102K VCCCCY1HH271J	A A A A		1000 pF,50V 270 pF(CH),50V
C710	RC-EZD226AF1H	AC		22 μF,50V,Electrolytic
C711 C712	VCKYCY1EF104Z VCCCCY1HH820J	A A A A		0.1 μF,25V 82 pF(CH),50V
C718	VCKYCY1HB102K	AA		1000 pF,50V
C719 C720	VCKYCY1HB102K VCCCCY1HH151J	A A A A		1000 pF,50V 150 pF(CH),50V
C721	VCKYCY1HB223K	AA		0.022 µF,50V
C722 C723	RC-EZD476AF1C VCCCCY1HH222J	AC AB		47 μF,16V,Electrolytic 2200 pF(CH),50V
C724	RC-EZD474AF1H	AB		0.47 μF,50V,Electrolytic
C725 C801	VCCCCY1HH271J VCEAZA1EW108M	A A A E		270 pF(CH),50V 1000 μF,25V,Electrolytic
C802	VCEAZA1EW476M	AB		47 μF,25V,Electrolytic
C803 C804	VCKYCY1EF104Z VCEAZA1CW476M	A A A B		0.1 μF,25V 47 μF,16V,Electrolytic
C814	VCKYCY1AB105K	AB		1 μF,10V
C815 C818	VCKYCY1AB105K VCEAZA1CW107M	AB AC		1 μF,10V 100 μF,50V,Electrolytic
C819	VCKYCY1EF104Z	AA		0.1 μF,25V
C820 C821	VCEAZA1AW107M VCKYCY1EF104Z	A B A A		100 µF,10V,Electrolytic 0.1 µF,25V
C822	VCEAZA1CW226M	AC		22 μF,16V,Electrolytic
C823 C900	VCKYCY1EF104Z VCKYCZ1EF104Z	A A A A		0.1 μF,25V 0.1 μF,25V
C901	VCKYCZ1EF104Z	AA		0.1 μF,25V
C902 C903	VCKYCZ1EF104Z VCKYCZ1EF104Z	A A		0.1 μF,25V 0.1 μF,25V

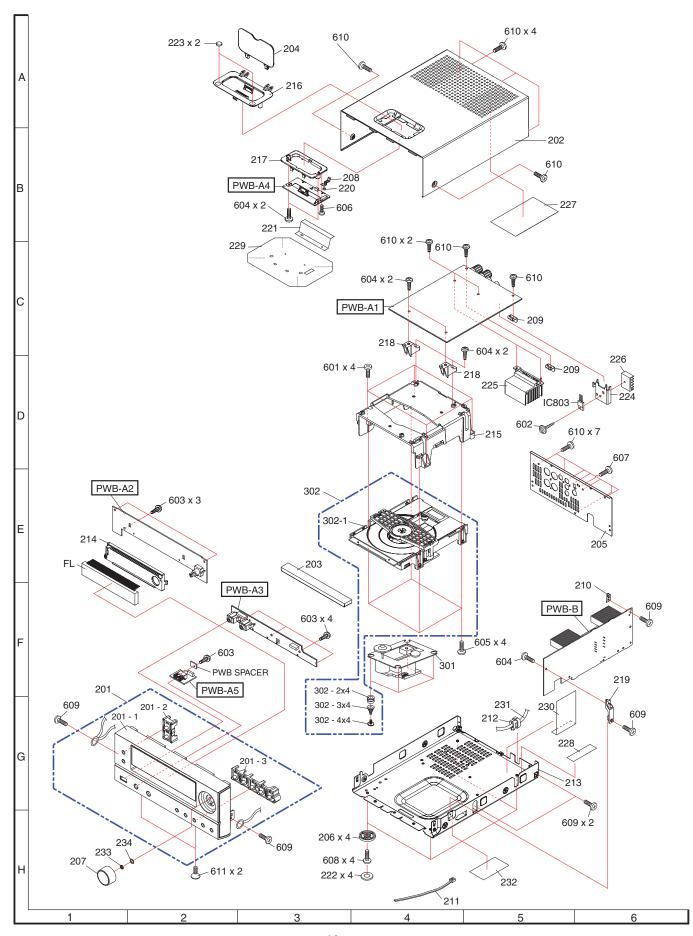
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[6] CAPA	CITORS				
C904	VCKYCZ1EF104Z	AA			0.1 μF,25V
C905	VCKYCY1HB333K	AB			0.033 µF,50V
C906 C907	VCKYCY1HB333K VCKYCY1HB333K	AB AB			0.033 μF,50V 0.033 μF,50V
C908	VCKYCZ1EF104Z	AA			0.1 µF,25V
C909	VCKYCZ1EF104Z	AA			0.1 μF,25V
C910	VCKYCY1HB333K	AB			0.033 μF,50V
C911 C912	VCKYCZ1EF104Z VCKYTV1HB104K	A A A B			0.1 μF,25V 0.1 μF,50V
C912	VCKYCY1HB104K	AA			1000 pF,50V
C914	VCKYTV1HB104K	AB			0.1 µF,50V
C915	VCKYCY1HB102K	AA			1000 pF,50V
C916	VCKYCY1HB103K	AA			0.01 μF,50V
C917 C920	VCKYCY1HB103K VCFYFA1HA474J	A A A C			0.01 μF,50V 0.47 μF,50V,Thin film
C921	VCFYFA1HA474J	AC			0.47 μF,50V,Thin film
C922	VCKYTV1HB104K	AB			0.1 μF,50V
C923	VCKYTV1HB104K	AB			0.1 μF,50V
C924 C925	VCKYCY1HB102K VCKYCY1HB103K	A A A A			1000 pF,50V 0.01 μF,50V
C926	VCKYCY1HB103K	AA			1000 pF,50V
C927	VCKYCY1HB103K	AA			0.01 μF,50V
C930	VCKYCY1EF104Z	AA			0.1 μF,25V
C931	VCKYCY1HB103K	AA			0.01 μF,50V
C937 C938	VCCCCY1HH101J VCCCCY1HH101J	A A A A			100 pF(CH),50V 100 pF(CH),50V
C938	VCCCCY1HH101J	AA			100 pF(CH),50V
C940	VCCCCY1HH101J	AA			100 pF(CH),50V
C941	VCCCCY1HH102J	AA			1000 pF(CH),50V
C942 C943	VCCCCY1HH102J	A A A A			1000 pF(CH),50V 0.1 μF,25V
C943	VCKYCY1EF104Z VCKYCY1EF104Z	AA			0.1 µF,25V
C945	VCKYCY1EF104Z	AA			0.1 μF,25V
C981	VCEAZA1HW684M	AB			0.68 μF,50V,Electrolytic
C983	VCKYCY1HB473K	AB			0.047 μF,50V
C984 C985	VCKYCZ1EF104Z VCKYCZ1EF104Z	A A A A			0.1 μF,25V 0.1 μF,25V
C986	VCEAZA1JW107M	AC			100 μF,63V,Electrolytic
C987	VCKYCY1EF104Z	AA			0.1 μF,25V
C988	VCKYCY1HB103K	AA			0.01 μF,50V
C989	VCKYCY1EF104Z	AA			0.1 μF,25V
[7] RESIS	STORS				
C510	VRS-CZ1JB000J	AB			0 ohms.Jumper.1/16W
C512	VRS-CZ1JB000J	AB			0 ohms,Jumper,1/16W
C513	VRS-CZ1JB000J	AB			0 ohms,Jumper,1/16W
C514 C982	VRS-CZ1JB000J VRS-CY1JB000J	AB AA			0 ohms, Jumper, 1/16W
FB403	VRS-CY1JB000J	AA			0 ohms,Jumper,0.8x1.55mm 0 ohms,Jumper,0.8x1.55mm
FB500	VRS-CY1JB000J	AA			0 ohms,Jumper,0.8x1.55mm
FB501	VRS-CY1JB000J	AA			0 ohms,Jumper,0.8x1.55mm
GND 8 0 1 GND 8 0 2	VRS-CY1JB000J VRS-CY1JB000J	A A A A			0 ohms,Jumper,0.8x1.55mm 0 ohms,Jumper.0.8x1.55mm
GND802 GND804	VRS-CYTJB000J	AA			0 ohms,Jumper,0.8x1.55mm
GND805	VRS-CY1JB000J	AA			0 ohms,Jumper,0.8x1.55mm
GND806	VRS-CY1JB000J	AA			0 ohms,Jumper,0.8x1.55mm
JP201	VRS-TW2EE000J	AB			0 ohms, Jumper, 1/4W
JP501 JP502	VRS-CY1JB000J VRS-CY1JB000J	A A A A			0 ohms,Jumper,0.8x1.55mm 0 ohms,Jumper.0.8x1.55mm
JP901	VRS-TQ2EF000J	AA			0 ohms,Jumper
JP902	VRS-CY1JB000J	AA			0 ohms,Jumper,0.8x1.55mm
JP903	VRS-TV2AB000J	AA			0 ohms,Jumper,1.25x2mm
<u>L2</u> L3	VRS-TV2AB000J VRS-TV2AB000J	A A A A			0 ohms,Jumper,1.25x2mm 0 ohms,Jumper,1.25x2mm
L201	VRS-TV2AB0003	AA			0 ohms,Jumper,1.25x2mm
L420	VRS-TV2AB000J	AA			0 ohms,Jumper,1.25x2mm
L702	VRS-TV2AB000J	AA			0 ohms,Jumper,1.25x2mm
L703	VRS-TQ2EF000J	AA			0 ohms,Jumper
R27 R28	VRS-CZ1JB102J VRS-CZ1JB823J	AB AB			1 kohms,1/16W 82 kohms,1/16W
R29	VRS-CZ1JB821J	AA			820 ohms,1/16W
R30	VRS-CZ1JB272J	AB			2.7 kohms,1/16W
R31	VRS-CZ1JB473J	AA			47 kohms,1/16W
R32	VRS-CZ1JF4R7J	AA AB			4.7 ohms,1/16W 0 ohms,Jumper,1/16W
R33 R34	VRS-CZ1JB000J VRS-CZ1JB000J	AB AB			0 ohms,Jumper,1/16W
R35	VRS-CZ1JB000J	AB			0 ohms,Jumper,1/16W
R38	VRS-CY1JB000J	AA			0 ohms,Jumper,0.8x1.55mm
R43	VRS-CZ1JB105J	AB			1 Mohms,1/16W
R 4 4 R 4 5	VRS-CZ1JB470J VRS-CZ1JB103J	AB AA			47 ohms,1/16W 10 kohms,1/16W
R45	VRS-CZ1JB103J	AA			10 kohms, 1/16W
R47	VRS-CZ1JF680J	AA			68 ohms,1/16W
R49	VRS-CZ1JB300F	AA			30 ohms,1/16W
R50	VRS-CZ1 JB300F	AA			30 ohms,1/16W
R51 R52	VRS-CZ1JB153J VRS-CZ1JB153J	A A A A			15 kohms,1/16W 15 kohms,1/16W
R58	VRS-CZ1JB101J	AB			100 ohms,1/16W

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[7] RESIS	TORS				
	VRS-CZ1JB101J	AB			100 ohms,1/16W
R60	VRS-CZ1JB330J	AA			33 ohms,1/16W 33 ohms,1/16W
R61 R62	VRS-CZ1JB330J VRS-CZ1JB330J	A A A A			33 ohms,1/16W
R63	VRS-CZ1JB101J	AB			100 ohms,1/16W
R64	VRS-CZ1JB101J	AB			100 ohms,1/16W
R65	VRS-CZ1JB103J	AA			10 kohms, 1/16W
R66 R67	VRS-CY1JB330J VRS-CY1JB330J	A A A A			33 ohms,1/16W 33 ohms,1/16W
R68	VRS-CY1JB222J	AA			2.2 kohms,1/16W
R69	VRS-CY1JB222J	AA			2.2 kohms,1/16W
R70	VRS-CZ1JB103J	AA			10 kohms,1/16W
R71 R72	VRS-CZ1JB101J VRS-CZ1JB101J	AB AB			100 ohms,1/16W 100 ohms,1/16W
R73	VRS-CZ1JB101J	AB			100 ohms,1/16W
R74	VRS-CZ1JB101J	AB			100 ohms,1/16W
R75	VRS-CZ1JB101J	AB			100 ohms,1/16W
R76	VRS-CZ1JB101J	AB			100 ohms,1/16W
R77 R79	VRS-CZ1JB101J VRS-CY1JB000J	AB AA			100 ohms,1/16W 0 ohms,Jumper,0.8x1.55mm
R80	VRS-CZ1JB330J	AA			33 ohms,1/16W
R81	VRS-CZ1JB103J	AA			10 kohms,1/16W
R82	VRS-CZ1JB000J	AB			0 ohms,Jumper,1/16W
R86	VRS-CZ1JB101J	AB			100 ohms,1/16W
R87 R88	VRS-CZ1JB101J VRS-CZ1JB101J	AB AB			100 ohms,1/16W 100 ohms,1/16W
R89	VRS-CZ1JB101J	AB			100 ohms,1/16W
R97	VRS-CZ1JB101J	AB			100 ohms,1/16W
R98	VRS-CZ1JB000J	AB			0 ohms, Jumper, 1/16W
R99 R100	VRS-CZ1JB000J VRS-CZ1JB473F	AB AA			0 ohms,Jumper,1/16W 47 kohms,1/16W
R100	VRS-CZ1JB473F VRS-CZ1JB823J	AB			47 KONINS, 1716W 82 Kohms, 1/16W
R102	VRS-CZ1JF563J	AA			56 kohms,1/16W
R103	VRS-CZ1JB152J	AB			1.5 kohms,1/16W
R104	VRS-CZ1JB152J	AB			1.5 kohms,1/16W
R105 R106	VRS-CZ1JB153J VRS-CZ1JB272J	A A A B			15 kohms,1/16W 2.7 kohms,1/16W
R107	VRS-CZ1JB473J	AA			47 kohms,1/16W
R108	VRS-CZ1JB103J	AA			10 kohms,1/16W
R109	VRS-CZ1JB123J	AB			12 kohms,1/16W
R110	VRS-CZ1JB472J	AB			4.7 kohms,1/16W
R111 R112	VRS-CZ1JF392J VRS-CZ1JB000J	A A A B			3.9 kohms,1/16W 0 ohms,Jumper,1/16W
R113	VRS-CZ1JF183J	AA			18 kohms,1/16W
R115	VRS-CZ1JB000J	AB			0 ohms,Jumper,1/16W
R116	VRS-CZ1JB103J VRS-CZ1JF183J	A A A A			10 kohms,1/16W 18 kohms,1/16W
R120 R201	VRS-CY1JB473J	AA			47 kohms,1/16W
	VRS-CY1JB103J	AA			10 kohms,1/16W
	VRS-CZ1JF201J	AA			200 ohms,1/16W
R302	VRS-CY1JB103J	AA			10 kohms,1/16W
R303 R304	VRS-CY1JB103J VRS-CZ1JF1R0J	A A A A			10 kohms,1/16W 1 ohms,1/16W
R305	VRS-CZ1JF201J	AA			200 ohms,1/16W
R306	VRS-CZ1JF4R7J	AA			4.7 ohms,1/16W
R309	VRS-CY1JB1R0J	AA			1 ohms,1/16W
R310	VRS-CY1JB103J	AA			10 kohms,1/16W 1 Mohms,1/16W
R311 R312	VRS-CZ1JB105J VRS-CZ1JB470J	AB AB			1 Monms,1/16W 47 ohms,1/16W
R313	VRS-CZ1JB470J	AB			47 ohms,1/16W
R314	VRS-CZ1JB470J	AB			47 ohms,1/16W
R315	VRS-CZ1JB470J	AB			47 ohms,1/16W
R316 R317	VRS-CZ1JB470J VRS-CZ1JB102J	AB AB			47 ohms,1/16W 1 kohms,1/16W
R317	VRS-CZ1JB102J	AB			1 kohms,1/16W
R319	VRS-CY1JB102J	AA			1 kohms,1/16W
R320	VRS-CY1JB102J	AA			1 kohms,1/16W
R321	VRS-CZ1JB470J	AB			47 ohms, 1/16W
R322 R324	VRS-CZ1JB470J VRS-CZ1JB470J	AB AB			47 ohms,1/16W 47 ohms,1/16W
R324	VRS-CZ1JB470J	AB			47 ohms,1/16W
R326	VRS-CZ1JB470J	AB			47 ohms,1/16W
R327	VRS-CZ1JB470J	AB			47 ohms,1/16W
R328	VRS-CZ1JB470J	AB			47 ohms,1/16W
R330 R331	VRS-CZ1JB822J VRS-CZ1JB470J	A A A B			8.2 kohms,1/16W 47 ohms,1/16W
R332	VRS-CZ1JB4703	AA			8.2 kohms,1/16W
R333	VRS-CZ1JB822J	AA			8.2 kohms,1/16W
R334	VRS-CZ1JB822J	AA			8.2 kohms,1/16W
R335	VRS-CZ1JB123J	AB			12 kohms,1/16W
R336 R337	VRS-CZ1JB123J VRS-CZ1JB123J	AB AB			12 kohms,1/16W 12 kohms,1/16W
R337	VRS-CZ1JB123J VRS-CZ1JB123J	AB AB			12 kohms,1/16W
R343	VRS-CZ1JB472J	AB			4.7 kohms,1/16W
R344	VRS-CZ1JB472J	AB			4.7 kohms,1/16W
R345	VRS-CZ1JB472J	AB			4.7 kohms,1/16W
R346	VRS-CZ1JB472J VRS-CZ1JB472J	AB AB			4.7 kohms,1/16W 4.7 kohms,1/16W
R347					

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[7] RESIS	STORS				
R349 R420	VRS-CY1JB3R3J VRS-CY1JB473J	A A A A			3.3 ohms,1/16W 47 kohms,1/16W
R421	VRS-CY1JB473J	AA			47 kohms, 1/16W
R422	VRS-CY1JB102J	AA			1 kohms,1/16W
R423 R424	VRS-CY1JB102J VRS-CY1JB391J	A A A A			1 kohms,1/16W 390 ohms,1/16W
R425	VRS-CY1JB391J	AA			390 ohms,1/16W
R426 R427	VRS-TQ2EF180J VRS-TQ2EF180J	A A A A			18 ohms,1/8W 18 ohms,1/8W
R430	VRS-CY1JB182J	AA			1.8 kohms,1/16W
R431	VRS-CY1JB222J	AA			2.2 kohms,1/16W
R432 R433	VRS-CY1JB332J VRS-CY1JB562J	A A A A			3.3 kohms,1/16W 5.6 kohms,1/16W
R500	VRS-CY1JB103J	AA			10 kohms,1/16W
R501 R502	VRS-CY1JB103J VRS-CY1JB123J	A A A A			10 kohms,1/16W 12 kohms,1/16W
R503	VRS-CY1JB123J	AA			12 kohms,1/16W
R530	VRS-CZ1JB103J	AA			10 kohms,1/16W
R532 R533	VRS-CZ1JB822J VRS-CZ1JB822J	A A A A			8.2 kohms,1/16W 8.2 kohms,1/16W
R534	VRS-CZ1JB822J	AA			8.2 kohms,1/16W
R535 R536	VRS-CZ1JF3R3J VRS-CZ1JB103J	A A A A			3.3 ohms,1/16W 10 kohms,1/16W
R537	VRS-CZ1JB1033	AA			8.2 kohms,1/16W
R543	VRS-CZ1JB222J	AB			2.2 kohms,1/16W
R544 R545	VRS-CZ1JB222J VRS-CZ1JB000J	AB AB			2.2 kohms,1/16W 0 ohms,Jumper,1/16W
R546	VRS-CZ1JB000J	AB			0 ohms,Jumper,1/16W
R547 R548	VRS-CZ1JB103J VRS-CZ1JB103J	A A A A			10 kohms,1/16W 10 kohms,1/16W
R549	VRS-CZ1JB103J	AB			22 kohms,1/16W
R550	VRS-CZ1JB103J	AA			10 kohms,1/16W
R570 R571	VRS-CZ1JB103J VRS-CZ1JB103J	A A A A			10 kohms,1/16W 10 kohms,1/16W
R572	VRS-CZ1JB000J	AB			0 ohms,Jumper,1/16W
R576	VRS-CZ1JB103J	AA			10 kohms,1/16W
R577 R578	VRS-CZ1JB103J VRS-CZ1JB104J	A A A A			10 kohms,1/16W 100 kohms,1/16W
R579	VRS-CZ1JB104J	AA			100 kohms, 1/16W
R580 R581	VRS-CZ1JB823J VRS-CZ1JB823J	AB AB			82 kohms,1/16W 82 kohms,1/16W
R582	VRS-CZ1JF563J	AA			56 kohms,1/16W
R583	VRS-CZ1JB272J	AB			2.7 kohms,1/16W 220 kohms,1/16W
R584 R585	VRS-CZ1JB224J VRS-CZ1JB562J	AA AB			5.6 kohms,1/16W
R585	VRS-CZ1JB562J	AB			5.6 kohms,1/16W
R587 R588	VRS-CZ1JB103J VRS-CZ1JB000J	AA AB			10 kohms,1/16W 0 ohms,Jumper,1/16W
R589	VRS-CZ1JB000J	AB			0 ohms,Jumper,1/16W
R590	VRS-CZ1JB000J	AB			0 ohms,Jumper,1/16W 330 ohms,1/16W
R591 R600	VRS-CY1JB331J VRS-CZ1JB000J	AA AB			0 ohms,Jumper,1/16W
R601	VRS-CZ1JB000J	AB			0 ohms,Jumper,1/16W
R602 R603	VRS-CZ1JB330J VRS-CZ1JB102J	AA AB			33 ohms,1/16W 1 kohms,1/16W
R611	VRS-CZ1JB102J	AB			1 kohms,1/16W
R612	VRS-CZ1JB102J	AB			1 kohms,1/16W
R613 R614	VRS-CZ1JB102J VRS-CZ1JB102J	AB AB			1 kohms,1/16W 1 kohms,1/16W
R615	VRS-CZ1JB102J	AB			1 kohms,1/16W
R616 R617	VRS-CZ1JB102J VRS-CZ1JB102J	AB AB			1 kohms,1/16W 1 kohms,1/16W
R618	VRS-CZ1JB102J	AB			1 kohms,1/16W
R619	VRS-CZ1 JB102 J	AB AB			1 kohms,1/16W
R620 R621	VRS-CZ1JB102J VRS-CZ1JB102J	AB AB			1 kohms,1/16W 1 kohms,1/16W
R622	VRS-CZ1JB102J	AB			1 kohms,1/16W
R623 R624	VRS-CZ1JB102J VRS-CZ1JB102J	AB AB			1 kohms,1/16W 1 kohms,1/16W
R625	VRS-CZ1JB102J	AB			1 kohms,1/16W
R626	VRS-CZ1JB102J	AB			1 kohms,1/16W
R627 R628	VRS-CZ1JB102J VRS-CZ1JB102J	AB AB			1 kohms,1/16W 1 kohms,1/16W
R629	VRS-CZ1JB102J	AB			1 kohms,1/16W
R630 R631	VRS-CZ1JB102J VRS-CZ1JB102J	AB AB			1 kohms,1/16W 1 kohms,1/16W
R632	VRS-CZ1JB102J	AB			1 kohms,1/16W
R633	VRS-CZ1JB102J	AB			1 kohms,1/16W
R634 R635	VRS-CY1JB102J VRS-CY1JB102J	A A A A			1 kohms,1/16W 1 kohms,1/16W
R636	VRS-CZ1JB102J	AB			1 kohms,1/16W
R639	VRS-CZ1JB102J	AB			1 kohms,1/16W
R640 R641	VRS-CZ1JB102J VRS-CZ1JB102J	AB AB			1 kohms,1/16W 1 kohms,1/16W
R642	VRS-CZ1JB102J	AB			1 kohms,1/16W
R643	VRS-CZ1 JB102 J	AB	-		1 kohms,1/16W
R644 R645	VRS-CZ1JB102J VRS-CZ1JB102J	AB AB			1 kohms,1/16W 1 kohms,1/16W
R646	VRS-CZ1JB102J	AB			1 kohms,1/16W

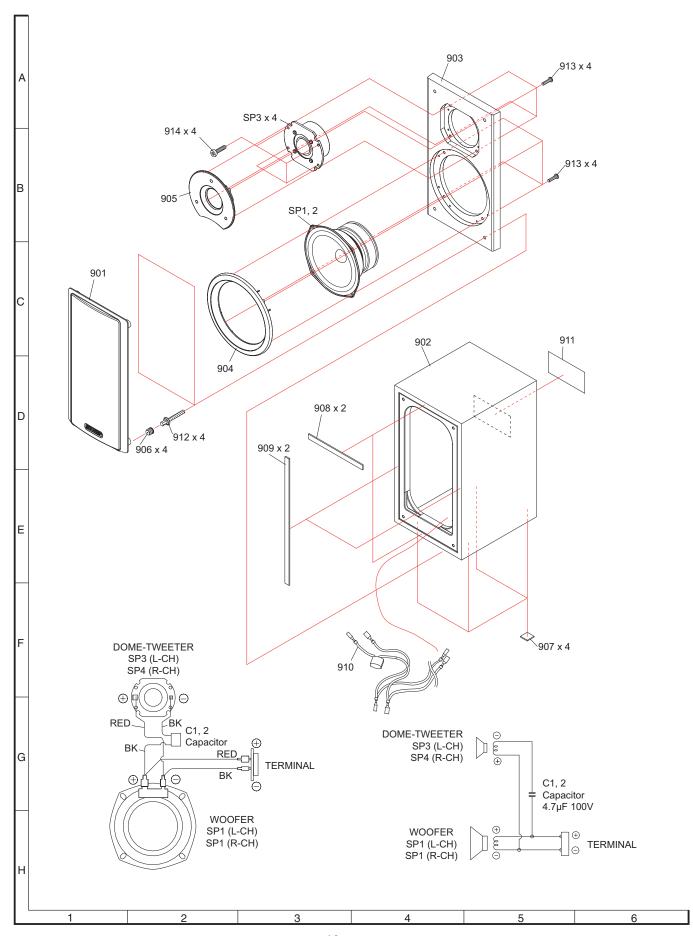
NO.	PARTS CODE	PRICE RANK	PART RANK	DESCRIPTION
[7] RESIST	rors			
	VRS-CZ1JB102J	AB		1 kohms,1/16W
	VRS-CZ1JB102J	AB		1 kohms,1/16W
	VRS-CZ1JB102J VRS-CZ1JB102J	AB AB		1 kohms,1/16W 1 kohms,1/16W
	VRS-CZ1JB102J	AB		1 kohms,1/16W
	VRS-CZ1JB102J	AB		1 kohms,1/16W
R653	VRS-CZ1JB102J	AB		1 kohms,1/16W
	VRS-CZ1JB102J	AB		1 kohms,1/16W
	VRS-CZ1JB102J	AB		1 kohms,1/16W
	VRS-CZ1JB102J VRS-CZ1JB102J	AB AB		1 kohms,1/16W
	VRS-CZ1JB102J	AB		1 kohms,1/16W 1 kohms,1/16W
	VRS-CZ1JB103J	AA		10 kohms,1/16W
	VRS-CZ1JB102J	AB		1 kohms,1/16W
	VRS-CZ1JB102J	AB		1 kohms,1/16W
	VRS-CZ1JB330J	AA		33 ohms,1/16W
	VRS-CZ1JB000J	AB AA		0 ohms,Jumper,1/16W 10 kohms,1/16W
	VRS-CZ1JB103J VRS-CZ1JB103J	AA		10 kohms,1/16W
	VRS-CY1JB562J	AA		5.6 kohms,1/16W
	VRS-CZ1JB000J	AB		0 ohms,Jumper,1/16W
	VRS-CZ1JB562J	AB		5.6 kohms,1/16W
	VRS-CZ1JB562J	AB		5.6 kohms,1/16W
	VRS-TW2HF000J VRS-CY1JB101J	AB		0 ohms,Jumper,1/2W 100 ohms.1/16W
	VRS-CY1JB101J VRS-CY1JB561J	A A A A		100 ohms,1/16W 560 ohms,1/16W
	VRS-CY1JB151J	AA		150 ohms,1/16W
	VRS-CY1JB102J	AA		1 kohms,1/16W
R706	VRS-CY1JB102J	AA		1 kohms,1/16W
	VRS-CY1JB102J	AA		1 kohms,1/16W
	VRS-CY1JB102J VRS-TW2HF000J	AA AB		1 kohms,1/16W 0 ohms,Jumper,1/2W
	VRS-CY1JB223J	AA		22 kohms,1/16W
	VRS-CY1JB272J	AA		2.7 kohms,1/16W
	VRS-CY1JB472J	AA		4.7 kohms,1/16W
	VRS-CY1JB182J	AA		1.8 kohms,1/16W
	VRS-CY1JB472J	AA		4.7 kohms, 1/16W
	VRS-CY1JB000J VRS-CZ1JB474F	A A A A		0 ohms,Jumper,0.8x1.55mm 470 kohms,1/16W
	VRS-CY1JB563F	AA		56 kohms,1/16W
	VRS-VV3DA200J	AB		20 ohms,2W
	VRS-VV3DA200J	AB		20 ohms,2W
	VRS-CY1JB472J	AA		4.7 kohms,1/16W
	VRS-CZ1JB470J	AB		47 ohms,1/16W
	VRS-CZ1JB470J VRS-CZ1JB273J	AB AA		47 ohms,1/16W 27 kohms,1/16W
	VRS-CZ1JB000J	AB		0 ohms.Jumper.1/16W
R909	VRS-CZ1JB100J	AA		10 ohms,1/16W
	VRS-CZ1JB100J	AA		10 ohms,1/16W
	VRS-CZ1JB100J	AA		10 ohms,1/16W
	VRS-CZ1JB100J VRS-CY1JB3R3J	A A A A		10 ohms,1/16W 3.3 ohms,1/16W
	VRS-CY1JB3R3J	AA		3.3 ohms,1/16W
R922	VRS-CY1JB3R3J	AA		3.3 ohms,1/16W
	VRS-CY1JB3R3J	AA		3.3 ohms,1/16W
	VRS-CY1JB332J	AA		3.3 kohms,1/16W
	VRD-RT2HD681J VRD-RT2HD153J	AA AB		680 ohms,1/2W 15 kohms,1/2W
	VRS-CY1JB000J	AA		0 ohms,Jumper,0.8x1.55mm
R987	VRS-CY1JB000J	AA		0 ohms,Jumper,0.8x1.55mm
R990	VRS-CY1JB102J	AA		1 kohms,1/16W
	VRS-CY1JB330J	AA		33 ohms,1/16W
	VRS-CY1JB000J VRS-CZ1JB101J	AA AB		0 ohms,Jumper,0.8x1.55mm 100 ohms.1/16W
	VRS-CZIJBIOIJ	AB		100 ohms,1/16W
	VRS-CZ1JB1013	AA		10 kohms,1/16W
RA603	VRS-CZ1JB103J	AA	 	10 kohms,1/16W
RA604	VRS-CZ1JB103J	AA		10 kohms,1/16W
	VRS-CZ1JB103J	AA		10 kohms,1/16W
	VRS-CZ1JB103J VRS-CZ1JB103J	A A A A		10 kohms,1/16W 10 kohms,1/16W
	VRS-CZ1JB103J	AA		10 kohms,1/16W
	VRS-CZ1JB103J	AA		10 kohms,1/16W
RA617	VRS-CZ1JB103J	AA		10 kohms,1/16W
	VRS-CZ1JB104J	AA		100 kohms,1/16W
	VRS-CZ1JB000J	AB		0 ohms,Jumper,1/16W
	VRS-CZ1JB103J VRS-CZ1JB103J	A A A A		10 kohms,1/16W 10 kohms,1/16W
	VRS-CZ1JB103J	AA		10 kohms,1/16W
	VRS-CZ1JB103J	AA		10 kohms,1/16W
RU618	VRS-CZ1JB103J	AA		10 kohms,1/16W
RU619	VRS-CZ1JB103J	AA		10 kohms,1/16W
[8] OTHER	CIRCUITRY PARTS	S		
	QCNWNB667AWPZ	AM		Connector Ass'y,8 / 7 Pin [with CNS602]
	CONTRACTOR AMD 7	AH		Connector Ass'y,5 / 4 Pin [with CNS400]
Bi400	QCNWNB663AWPZ QCNWNB664AWPZ	AK	1	Connector Ass'y,7 / 6 Pin [with CNS420]

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION					
[8] OTHE	[8] OTHER CIRCUITRY PARTS									
Bi701	QCNWNB665AWPZ	AF			Connector Ass'y,2 Pin [with BI421]					
Bi801	QCNWNB660AWPZ	AK			Connector Ass'y,10 / 9 Pin [with CNS801]					
Bi901	QCNWNB661AWPZ	AG			Connector Ass'y,5 / 4 Pin [with CNS901]					
CNP1	QCNCWYH16AWZZ	AD			Connector,16 Pin					
CNP2	QCNCM202FAWZZ	AB			Connector,6 Pin					
CNP4		AB			Connector,5 Pin					
CNP5	QCNCM202DAWZZ	AB			Connector,4 Pin					
CNP7	QCNCM202GAWZZ	AB			Connector,7 Pin					
CNP201	QCNCWA046AW30	AQ			Connector,30 Pin					
CNP501	QCNCM201GAWZZ	AB			Connector,6 Pin					
CNP600	QCNCWYH04AWZZ	AB			Connector,4 Pin					
CNP601	QCNCWYP12AWZZ	AD			Connector,12 Pin					
CNP700	QCNCWYH12AWZZ	AD			Connector,12 Pin					
CNS2	QCNWNB671AWPZ	AG			Connector Ass'y,6 Pin					
CNS4	QCNWNB666AWPZ	AF			Connector Ass'y,5 Pin					
FFC1	QCNWNB672AWPZ	AE			Flat Cable, 16 Pin					
FFC601	QCNWNB668AWPZ	AE			Flat Cable, 12 Pin					
FL700	VVKNA16SM21-1	AQ			FL Display					
JK400	QSOCZA030AWZZ	AF			Jack, USB					
JK420	QJAKMA036AWZZ	AG			Jack, Audio In					
JK421	QJAKMA036AWZZ	AG			Jack, Headphone In					
JK501	QSOCJA051AWZZ	AF			Jack, Video					
JK902	QSŌCJA044AWZZ	AC			Jack, Subwoofer Pre-Out					
LUG401	QCNWNB708AWPZ	AE			Lug Wire, 85mm					
LUG700	QCNWNB709AWPZ	AD			Lug Wire, 85mm					
SC600	QTANAA038AWZZ	ΑL			Terminal, Speaker					
SW401	92LSWiCHT1663T	AC			Switch,Key Type [Tuner Preset Down, CD/USBTrack Down, iPod/iPhone Skip Down]					
SW402	92LSWiCHT1663T	AC			Switch, Key Type [Tuner Preset Up, CD/USBTrack Up, iPod/iPhone Skip Up]					
SW403	92LSWiCHT1663T	AC			Switch,Key Type [Disc / USB STOP]					
SW404	92LSWiCHT1663T	AC			Switch, Key Type [Disc / USB / iPod / iPhone PLAY/PAUSE]					
SW405	92LSWiCHT1663T	AC			Switch,Key Type [TRAY OPEN / CLOSE]					
SW700	92LSWiCHT1663T	AC			Switch, Key Type [POWER ON/STAND-BY]					
SW701	92LSWiCHT1663T	AC			Switch, Key Type [FUNCTION]					
TUN301	RTUNSA042AWZZ	AX			Tuner Pack					
VR700	QSW-ZA012AWZZ	AF			Switch,Jog Type [VOLUME]					
WiRE A	QCNWNB710AWPZ	AD			Single Wire, 130mm					



NO.	PARTS CODE	PRICE RANK		PART RANK	DESCRIPTION
[9] CABIN	NET PARTS / CD ME	CHANIS	SM PAI	RTS	
201	CCABA8240AW01	BC			Front Panel Ass'y
201-1	HPNLCA223AW02	ΑZ			Front Panel with Decoration Panel
201-2	JKNBZA327AWSA	AH			Button, Power
201-3	JKNBZA328AWSF				Button, Operation
202	GCAB-A107AW02	AX			Top Cabinet Ass'y
203	GCŌVAA312AWSA	AG			Disc Tray Cover
204	GDŌRFA035AWSB	AL			Door, iPod
205	GiTARA845AWSA				Rear Panel [For U.S.A. , Canada]
205	GiTARA975AWSA				Rear Panel [For Mexico]
206	GLEGPA025AWSA	AD			Leg
207	JKNBKA072AWSA	AN			Knob, Volume
208	LANGQA011AWZZ	AB			Spring Plate
209	LANGT0042AWFW	AC			Bracket, PWB
210	LANGTA026AWFW	AB			Bracket, PWB
211	LBND-1011AWZZ	A A A D			Nylon Band
212	LBSHC0005AWZZ				Bush, AC Power Supply Cord
213	LCHSMA114AWFW	AR AD			Chassis, Main
214	LHLDZA237AWZZ LHLDZA248AWZZ	AH			Holder, FL Display Holder, CD Mechanism
216	LHLDZA248AWZZ LHLDZA249AWSB	AH			Holder, iPod
217	LHLDZA249AW3B	AD			Spacer, iPod
218	LHLDZA261AWZZ	AC			Holder, PWB
219	LHLDZA270AWZZ	AC			Holder, PWB
220	LX-WZA026AWZZ	AB			Door Washer
221	PCOVQA017AWZZ	AD			Cover, iPod Door
222	PCUSGA163AWZZ	AC			Cushion, Leg
223	PCUSGA172AWSB	AB			Cushion, iPod Door
224	PRDARA111AWFW	AD			Heat Sink, B
225	PRDARA229AWFW	AL			Heat Sink, A
226	PRDARA233AWFW	AE			Heat Sink, C
227	PSHEZA275AWZZ	AF			Sheet, Safety Cover
228	PSHEZA276AWZZ	AC			Sheet, Safety Cover
229	PSHEZA278AWZZ	AH			Sheet, Copper
230	PSHEZA280AWZZ	AC			Sheet, Safety Cover
231	QACCDA002AWZZ	AN			AC Power Supply Cord
232	TSPC-B689AWZZ				Label, Specification [For U.S.A. , Canada]
232	TSPC-B694AWZZ				Label, Specification [For Mexico]
233		-			Nut (Not Replacement Item)
234		-			Washer (Not Replacement Item)
301	KMECZA032AWZZ	AX			CD Mechanism Unit
302	KMECZA025AW01	ΑT			Loader Ass'y
302-1		-			CD Loader (Not Replacement Item)
302-2		-			Cushion (Not Replacement Item)
302-3		-			Spring (Not Replacement Item)
302-4		-			Screw, Special (Not Replacement Item)
601	LX-BZA043AWF7	AA			Screw, Special
602	LX-JZ0036AWF7	AC			Screw, Special
603	XEBY726P08000	AA			Screw, M2.6 X8mm Screw, M3 X8mm
604	XEBY730P08000	AA			
605 606	XEBY730P10000 XEPY717P05000	A A A B			Screw, M3 X10mm
606	XHPY830P06000	AB			Screw, Special Screw, M3 X6mm
608	XJBY730P06000	AA			Screw, M3 X6mm
609	XJBY730P08000	AA			Screw, M3 X8mm
	XJBY830P08000	AB			Screw, M3 X8mm
	XJSY830P08000	AB			Screw, M3 X8mm
		1 40			OUIEW, IND AUTITI

NOTE: FOR CD MECHANISM PARTS, ITEM NO. ARE 3XX

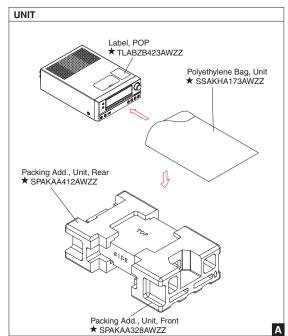


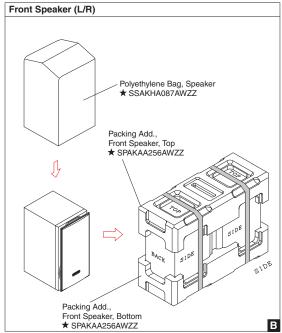
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION		
[10] SPE	AKER BOX PARTS						
901	CWAKPA055AW01	AX			Net Frame Ass'y		
902	GBOXSA296AW01	7			Wooden Box Ass'y		
903	GiTASA279AWSA				Front Board		
904	HDECQA552AWSA	AQ			Ring, Woofer		
905	HDECQA553AWSA	AQ			Ring, Tweeter		
906	LHLDZ8002AWSB	AF			Holder, Catching		
907	PCUSGA020AWZZ	AB			Cushion, Leg		
908	PCUSSA057AWZZ	ΑE			Cushion, Top/Bottom		
909		ΑE			Cushion, Side		
910	QCNWNB444AWPZ	AR			Lead Wire Ass'y		
911	TSPC-B627AWZZ				Label, Specification		
912	LX-PZA002AWZZ	AG			Screw, Special		
913	XEMY835P14000	AC			Screw, M3.5 x 14mm		
914		AC			Screw, M3.5 x 14mm		
SP1,2	RSP-ZA334AWZZ	ΑZ			Woofer		
SP3,4	RSP-ZA335AWZZ	AY			Dome-Tweeter		
[11] ACC	ESSORIES / PACKIN	G PAR	TS				
1	92LFANT1535A	AF			FM Antenna		
2	GCŌVAA238AWSA	AD			Adaptor, i-Phone (marking 12)		
3	GCŌVAA239AWSA	AD			Adaptor, i-Phone 3G (marking 15)		
4	GCOVAA294AWSA	AD				Adaptor, i-Phone 4G (marking 19)	
5	GiTAUA014AW01	AR			Stand for iPad		
6	QANTLA006AWZZ				AM Loop Antenna		
7	QCNWHA041AWPZ	AR			AM Loop Antenna Speaker Cord		
7 8	QCNWHA041AWPZ RRMCGA264AWSA	AR			AM Loop Antenna Speaker Cord Remote Control		
7 8 9	QCNWHA041AWPZ RRMCGA264AWSA TiNSZB282AWZZ	AR			AM Loop Antenna Speaker Cord Remote Control Operation Manual [For U.S.A. , N	flexico]	
7 8	QCNWHA041AWPZ RRMCGA264AWSA	AR			AM Loop Antenna Speaker Cord Remote Control	lexico]	
7 8 9	QCNWHA041AWPZ RRMCGA264AWSA TiNSZB282AWZZ	AR			AM Loop Antenna Speaker Cord Remote Control Operation Manual [For U.S.A. , N	lexico]	
7 8 9	QCNWHA041AWPZ RRMCGA264AWSA TiNSZB282AWZZ TiNSKA072AWZZ	PRICE RANK	NEW MARK	PART	AM Loop Antenna Speaker Cord Remote Control Operation Manual [For U.S.A. , N Operation Manual [For Canada]	lexico] DESCRIPTION	
7 8 9 9	QCNWHA041AWPZ RRMCGA264AWSA TiNSZB282AWZZ TiNSKA072AWZZ .B. ASSEMBLY	PRICE			AM Loop Antenna Speaker Cord Remote Control Operation Manual [For U.S.A. , N Operation Manual [For Canada] REMARK nterchangeable)	•	
7 8 9 9 [12] P.W.	QCNWHA041AWPZ RRMCGA264AWSA TiNSZB282AWZZ TiNSKA072AWZZ B. ASSEMBLY PARTS CODE	PRICE			AM Loop Antenna Speaker Cord Remote Control Operation Manual [For U.S.A. , N Operation Manual [For Canada] REMARK nterchangeable)	DESCRIPTION	
7 8 9 9 [12] P.W. NO. PWB-A PWB-B	QCNWHA041AWPZ RRMCGA264AWSA TiNSZB282AWZZ TiNSKA072AWZZ B. ASSEMBLY PARTS CODE 92LPWB8250MANS	PRICE RANK			AM Loop Antenna Speaker Cord Remote Control Operation Manual [For U.S.A. , N Operation Manual [For Canada] REMARK nterchangeable) S Category Main (A1) / Dis	DESCRIPTION	

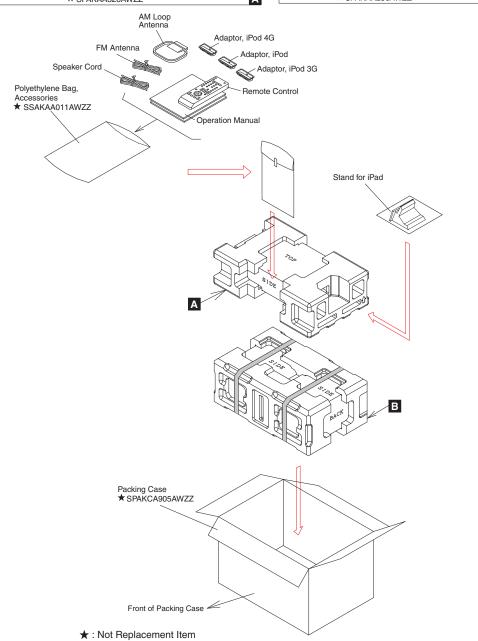
13

[11] ACCESSORIES / PACKING PARTS

PACKING METHOD (FOR U.S.A ONLY)







SHARP

COPYRIGHT © 2012 BY SHARP CORPORATION

ALL RIGHTS RESERVED.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission of the publisher.

SHARP CORPORATION S&O Electronics (Malaysia) Sdn. Bhd. Sungai Petani, Kedah, Malaysia

Printed in Malaysia

A1204-1MX•RR•M